antibodies.com

Datasheet for ABIN306864 anti-PTGER2 antibody

Image



Overview

Reactivity: Human Host: Mouse Clonality: Monoclonal Conjugate: This PTGER2 antibody is un-conjugated Application: Western Blotting (WB) Product Details Immunogen: Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells. Clone: 3E6 Isotype: IgG1 Cross-Reactivity: Cow, Human, Rat Characteristics: Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth muse	Quantity:	100 µg
Host:MouseClonality:MonoclonalConjugate:This PTGER2 antibody is un-conjugatedApplication:Western Blotting (WB)Product DetailsImmunogen:Immunogen:Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells.Clone:3E6Isotype:IgG1Cross-Reactivity:Cow, Human, RatCharacteristics:Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth musical	Target:	PTGER2
Clonality:MonoclonalConjugate:This PTGER2 antibody is un-conjugatedApplication:Western Blotting (WB)Product DetailsImmunogen:Immunogen:Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells.Clone:3E6Isotype:IgG1Cross-Reactivity:Cow, Human, RatCharacteristics:Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth musical	Reactivity:	Human
Conjugate: This PTGER2 antibody is un-conjugated Application: Western Blotting (WB) Product Details Immunogen: Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells. Clone: 3E6 Isotype: IgG1 Cross-Reactivity: Cow, Human, Rat Characteristics: Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must	Host:	Mouse
Application: Western Blotting (WB) Product Details Immunogen: Immunogen: Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells. Clone: 3E6 Isotype: IgG1 Cross-Reactivity: Cow, Human, Rat Characteristics: Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must	Clonality:	Monoclonal
Product Details Immunogen: Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells. Clone: 3E6 Isotype: IgG1 Cross-Reactivity: Cow, Human, Rat Characteristics: Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must	Conjugate:	This PTGER2 antibody is un-conjugated
Immunogen:Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant human EP2 receptor protein and mouse myeloma cells.Clone:3E6Isotype:IgG1Cross-Reactivity:Cow, Human, RatCharacteristics:Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus	Application:	Western Blotting (WB)
human EP2 receptor protein and mouse myeloma cells.Clone:3E6Isotype:IgG1Cross-Reactivity:Cow, Human, RatCharacteristics:Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must	Product Details	
Clone:3E6Isotype:IgG1Cross-Reactivity:Cow, Human, RatCharacteristics:Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must	Immunogen:	Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant
Isotype:IgG1Cross-Reactivity:Cow, Human, RatCharacteristics:Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must		human EP2 receptor protein and mouse myeloma cells.
Cross-Reactivity: Cow, Human, Rat Characteristics: Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth must	Clone:	3E6
Characteristics: Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus	Isotype:	lgG1
States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus	Cross-Reactivity:	Cow, Human, Rat
arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus	Characteristics:	Prostaglandin E2 Receptor Subtype EP2, Provided under license from Allergan, Inc. United
wide spectrum of physiologic and pharmacologic effects in various tissues are mediated through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus		States Patent No. 5,716,835,Prostaglandins (PG's) are produced by the metabolism of
through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus		arachidonic acid. PGE-2 is one of the five physiologically significant prostanoids known. Its
immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth mus		wide spectrum of physiologic and pharmacologic effects in various tissues are mediated
		through binding to the PGE-2 receptors (EP1, EP2, EP3 & EP4). These include effects on the
It is also one of the most abundant of the prostanoid family in the brain where it plays an		immune, endocrine, cardiovascular, renal and reproductive systems as well as smooth muscle.
it is also one of the most abundant of the prostanoid farming in the brain where it plays an		It is also one of the most abundant of the prostanoid family in the brain where it plays an

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN306864 | 01/16/2024 | Copyright antibodies-online. All rights reserved.

Product Details

important role in many neural functions, particularly in newborn babies, and as a mediator of
inflammation. PGE-2 signals through a family of G-protein coupled receptors known as EP
receptors. There are 4 subtypes of EP receptors, known as EP1, EP2, EP3 and EP4. EP2
receptors are 358 amino acid proteins with a short third intracellular loop. EP2 receptors
stimulate adenylyl cyclase by their coupling to Gs and do not undergo PGE-2-induced
internalization. The EP2 receptors is involved with the contration and relaxation of smooth
muscle tissue. These receptors are mainly localized in lung and placental tissues and in smooth
muscle.

Purification:

Protein A/G Chromatography

Target Details

Target:	PTGER2
Alternative Name:	Prostaglandin-E2 receptor EP2 (PTGER2 Products)
UniProt:	Q62928

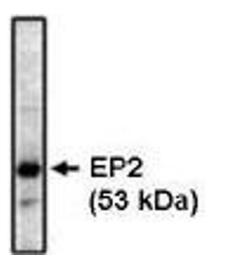
Application Details

Application Notes:	This antibody can be used for Western blot analysis (1-5 µg/mL). Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN306864 | 01/16/2024 | Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. Western blot analysis using EP2 antibody on bovine brain lysate at 1 μ g/ml. Rat, Bovine,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN306864 | 01/16/2024 | Copyright antibodies-online. All rights reserved.