



Datasheet for ABIN895394

anti-PTGER3 antibody (AA 51-150) (Alexa Fluor 647)



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1 Publication

Overview

Quantity:	100 µL
Target:	PTGER3
Binding Specificity:	AA 51-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGER3 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EP3
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PTGER3
Alternative Name:	Ep3 (PTGER3 Products)
Background:	Synonyms: EP 3, EP3, EP3 I, EP3 II, EP3 III, EP3 IV, EP3e, HGNC:9595, MGC141828,

Target Details

MGC141829, MGC27302, PE2R3_HUMAN, PGE receptor EP3 subtype, PGE2 R, PGE2 receptor EP3 subtype, PGE2-R, PGE2R, Pgerep3, Prostaglandin E receptor 3 subtype EP3, Prostaglandin E receptor 3, Prostaglandin E2 receptor, Prostaglandin E2 receptor EP3 subtype, Prostaglandin receptor PGE 2, Prostanoid EP3 receptor, PTGER 3, Rep3, rEP3a, rEP3b.

Background: The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

Gene ID: 5733

Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Li, He, Ma, Yu, Bhave, Lentz, Tan, Guzman, Zhao, Xue: "Prostaglandin E1 and Its Analog

Misoprostol Inhibit Human CML Stem Cell Self-Renewal via EP4 Receptor Activation and Repression of AP-1." in: **Cell stem cell**, Vol. 21, Issue 3, pp. 359-373.e5, (2017) ([PubMed](#)).