

Datasheet for ABIN7091556
anti-PTGER4 antibody (AA 1-100) (AbBy Fluor® 555)



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Overview

Quantity:	100 µL
Target:	PTGER4
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGER4 antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse EP4
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	PTGER4
Alternative Name:	Prostaglandin E Receptor EP4 (PTGER4 Products)
Background:	Synonyms: Prostaglandin E Receptor EP4, EP 4, EP4, EP-4, EP4R, MGC126583, PE2R4_HUMAN, PGE receptor EP4 subtype, PGE2 receptor EP4 subtype, Prostaglandin E receptor 4,

Target Details

Prostaglandin E receptor 4 subtype EP4, Prostaglandin E2 receptor, Prostaglandin E2 receptor EP4 subtype, Prostanoid EP4 receptor, PTGER 2, PTGER 4, PTGER2, PTGER4.

Background: Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.

Gene ID: 19219

UniProt: [P32240](#)

Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

Handling

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.