

PTGFR antibody FITC Conjugated

Catalog No: #C00762F

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Description

Product Name	PTGFR antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC,IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 176-198 359 derived from human PTGFR
Conjugates	FITC
Target Name	PTGFR
Other Names	FP; Prostaglandin F2-alpha receptor; PGF receptor; PGF2-alpha receptor; Prostanoid FP receptor; PTGFR
Accession No.	Swiss-Prot#P43088NCBI Gene ID5737
Uniprot	P43088
GeneID	5737;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum (By similarity). Isoforms 2 to 7 do not bind PGF2-alpha but are proposed to modulate signaling by participating in variant receptor complexes; heterodimers between isoform 1 and isoform 5 are proposed to be a receptor for prostamides including the synthetic analog bimatoprost.

Note: This product is for in vitro research use only