Human PTGFR
Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 1014602

Catalog Number: FAB10294R

100 Tests

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PTGFR in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 1014602
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human PTGFR RD3 epitope Accession # P43088
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	HEK293 Human Cell Line Transfected with Human PTGFR and eGFP

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

The prostaglandin F2-alpha receptor (or PTGR) is a member of the Prostanoid Receptor subfamily and a member of the G-protein coupled receptor (GPCR) family. Along with various other prostaglandin receptors, Prostaglandin F Receptor mediates the effects of prostaglandin F2α (PGF2α). Alternative mRNA splicing gives rise to many isoforms; Isoforms 2 to 7 do not bind PGF2-alpha but are proposed to modulate signaling by participating in variant receptor complexes. Some of these isoforms have been proposed to form heterodimers.

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