

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FPRP in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 998107
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human embryonic kidney cell, HEK293-derived human FPRP Pro27-Pro832 Accession # Q9P2B2
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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	U87-MG human glioblastoma cell line

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

FPRP (F₂_{alpha} Prostaglandin receptor Regulatory Protein; also CD315, EWI-F and CD9 partner-1/P-1) is a 130 kDa type I transmembrane (TM) glycoprotein member of the EWI subfamily, Ig superfamily of molecules. It associates with the 7-TM prostaglandin F₂_{alpha} receptor, inhibiting its activity. It also forms complexes with 4-TM CD9 and CD81, linking these molecules to the intracellular actin cytoskeleton.

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