

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FPRL2. Stains human FPRL2 transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG _{2B} Clone # 374822
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human FPRL2 Met1-Met352 Accession # P25089
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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	NS0 mouse myeloma cell line transfected with human FPRL2

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

FPRL2, also known as FMLP receptor-like 2, is a 40 kDa 7TM protein that is expressed on monocytes and dendritic cells. It interacts with formyl and acetyl peptides to attract these cells to sites of infection. FPRL2 signaling also inhibits DC maturation. Human FPRL2 shares 63% and 62% amino acid sequence identity with mouse and rat FPRL2, respectively.

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