

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human C5L2/GPR77 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 650918
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human C5L2/GPR77 Met1-Val337 Accession # Q9P296
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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 C5L2/GPR77 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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

C5a anaphylatoxin chemotactic receptor C5a2, also known as C5L2 or GPR77, is a G protein-coupled receptor that in humans is encoded by the C5AR2. C5a2 is the receptor for the chemotactic and inflammatory C3a, C4a and C5a anaphylatoxin peptides generated during the complement cascade that participate in host defense.

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