Human FCRL4/FcRH4
Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 580810

Catalog Number: FAB24262G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FCRL4/FcRH4 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human FCRL1 is observed.
Source	Monoclonal Mouse IgG_1 Clone # 580810
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human FCRL4/FcRH4 Gln16-Asp385 Accession # NP_112572
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. 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	RPMI 8226 human multiple myeloma 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.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Fc receptor-like 4 (FCRL4), also known as FcRH4 and IRTA1, is an Ig superfamily transmembrane protein that shares sequence homology with the classical Fc receptors. FCRL4 is preferentially expressed in B cells and contains three potential ITIM motifs in its cytoplasmic domain. The gene for FCRL4 is localized to the human chromosome 1q21-23 region, a hotspot for translocation events.

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