

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human FCRL4/FcRH4 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human FCRL1 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 580810
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human FCRL4/FcRH4 Gln16-Asp385 Accession # NP_112572
<b>Conjugate</b>	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
<b>Formulation</b>	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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	RPMI 8226 human multiple myeloma cell line

#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

#### 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.

#### PRODUCT SPECIFIC NOTICES

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