

DESCRIPTION

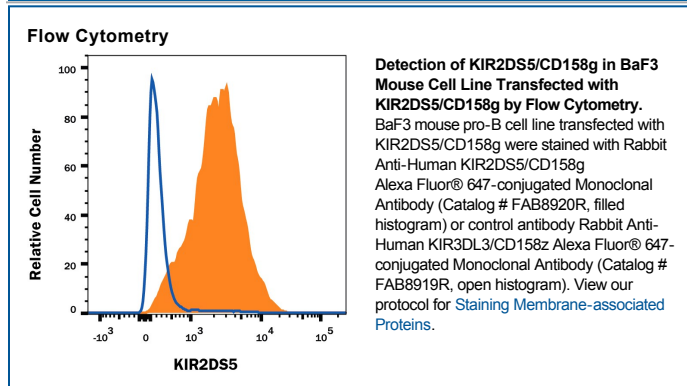
Species Reactivity	Human
Specificity	Detects human KIR2DS5/CD158g in direct ELISAs.
Source	Recombinant Monoclonal Rabbit IgG Clone # 1165A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human KIR2DS5/CD158g His22-His245 Accession # Q14953
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 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	5 µL/10 ⁶ cells	See Below

DATA



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

Killer-immunoglobulin-like receptors (KIR) are polymorphous activating and inhibitory receptors expressed on the surface of NK cells and some T cells. KIR genes are highly homologous. KIR proteins expressing the long (L) cytoplasmic domain are inhibitory, while KIRs with short (S) cytoplasmic domains are activating. Thus, KIR2DS5 is a 65 kDa type I transmembrane activating receptor for NK cells, and is thought to play a role in NK cell function in response to a number of conditions. While many KIR proteins bind HLA-class I molecules, the ligand(s) for KIR2DS5 remain unclear.

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