

## DESCRIPTION

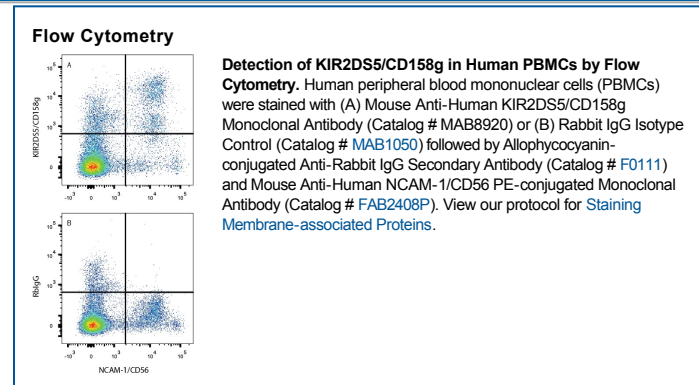
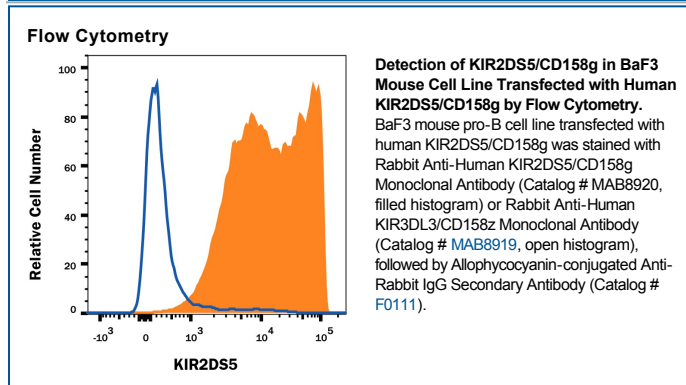
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human KIR2DS5/CD158g in direct ELISAs.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 1165A
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human KIR2DS5/CD158g His22-His245 Accession # Q14953
<b>Formulation</b>	Supplied as a solution in PBS containing BSA, Glycerol and Sodium Azide. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

## 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
<b>Flow Cytometry</b>	1:1000 dilution	See Below

## DATA



## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C, as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after opening.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after opening.</li> </ul>

## 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 an 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 unknown.

## PRODUCT SPECIFIC NOTICES

\* Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to SDS for additional information and handling instructions.