

**DESCRIPTION**

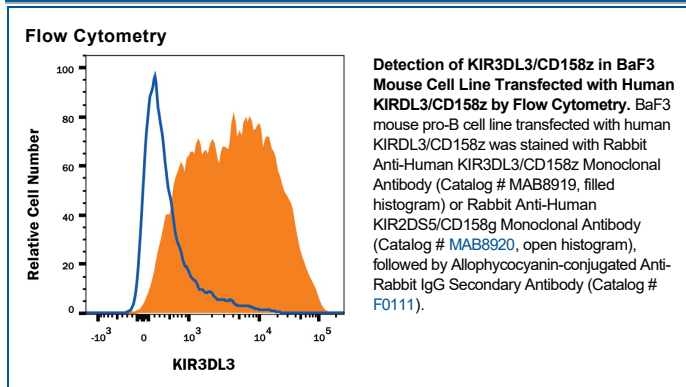
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human KIR3DL3/CD158z in direct ELISAs.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 1136B
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Human embryonic kidney cell line HEK293-derived recombinant human KIR3DL3/CD158z Met1-Leu322 Accession # Q8N743
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. 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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	0.25 µg/10 <sup>6</sup> cells	See Below

**DATA**



**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. 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 reconstitution.</li> <li>• 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

KIR3DL3 is a member of the killer-immunoglobulin-like receptors (KIR), a functionally diverse family of transmembrane receptors expressed primarily on NK cells. KIR3DL3 is a "framework" KIR gene, and is present in all individuals, in contrast to non-framework KIRs, whose gene content varies by KIR haplotype. KIR3DL3 is expressed at low or undetectable levels in peripheral blood NK cells, but expression can be induced in NK cell lines by demethylation agents, indicating that promoter DNA methylation inhibits KIR3DL3 transcription. Despite the lack of evidence for surface protein expression, KIR3DL3 mRNA expression has been detected in both decidua and peripheral blood NK cells in normal, disease-free conditions.