

Product datasheet

Anti-NKG2D antibody [CX5] (Phycoerythrin) ab95798

1 Image

Overview

<b>Product name</b>	Anti-NKG2D antibody [CX5] (Phycoerythrin)
<b>Description</b>	Rat monoclonal [CX5] to NKG2D (Phycoerythrin)
<b>Conjugation</b>	Phycoerythrin. Ex: 488nm, Em: 575nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Full length Mouse protein
<b>Positive control</b>	Splenocytes

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS, 150mM Sodium chloride, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	CX5
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab95798** in the following tested applications.

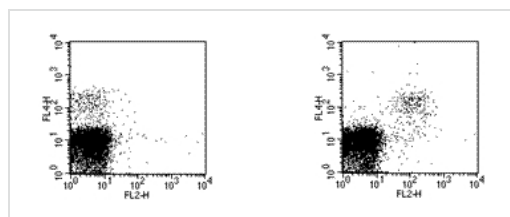
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.125-0.5µg for 10 <sup>5-8</sup> cells. Perform staining a final volume of 100µl.

## Target

<b>Function</b>	Receptor for MICA, MICB, ULBP1, ULBP2, ULBP3 (ULBP2>ULBP1>ULBP3) and ULBP4. Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. Involved in the immune surveillance exerted by T- and B-lymphocytes.
<b>Tissue specificity</b>	Natural killer cells. Expressed on essentially all CD56+CD3- NK cells from freshly isolated PBMC. Also detected in gamma-delta cells and CD8+ alpha-beta T-cells. Expressed in interferon-producing killer dendritic cells (IKDCs).
<b>Sequence similarities</b>	Contains 1 C-type lectin domain.
<b>Cellular localization</b>	Membrane.

## Images



Flow Cytometry - NKG2D antibody [CX5]  
(Phycoerythrin) (ab95798)

Staining of C57BL/6 splenocytes with anti-NK1.1 APC-conjugated and either 0.125µg of Rat IgG1k isotype control Phycoerythrin-conjugated (left) or 0.125µg of ab95798 (right).

Total viable cells were used for analysis.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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