

Product datasheet

Anti-NKG2D antibody [CX5] (Phycoerythrin) ab95798

1 Image

Overview

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

Properties

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

Applications

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

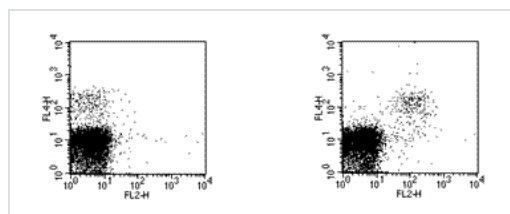
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

Function	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.
Tissue specificity	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).
Sequence similarities	Contains 1 C-type lectin domain.
Cellular localization	Membrane.

Images



Flow Cytometry - Anti-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.

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