

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<br>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.

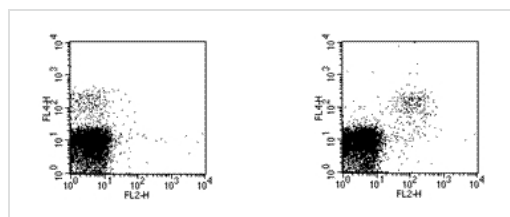
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 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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