

Product datasheet

Anti-NK1.1 antibody [PK136] (PE/Cy7 ®) ab51239

1 Image

Overview

Product name	Anti-NK1.1 antibody [PK136] (PE/Cy7 ®)
Description	Mouse monoclonal [PK136] to NK1.1 (PE/Cy7 ®)
Conjugation	PE/Cy7 ®. Ex: 496nm, Em: 774nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	CD mouse spleen and bone marrow cells enriched for NK-1+ cells
General notes	This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5,268,486 and related patents. Cy and CyDye are trademarks of GE Healthcare Limited.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 0.14% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin Also contains stabilising agent.
Purity	Affinity purified
Clonality	Monoclonal
Clone number	PK136
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab51239** in the following tested applications.

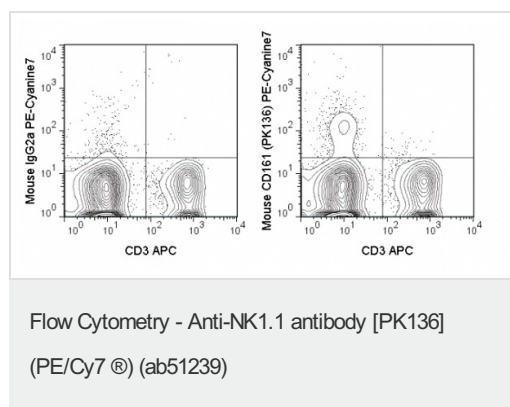
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.5µg for 10 ⁶ cells. ab103534 -Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function	Plays a stimulatory role on natural killer (NK) cells cytotoxicity. Activation by cross-linking of the receptor induces Ca(2+) mobilization and interferon-gamma production.
Tissue specificity	Expressed in natural killer cells.
Sequence similarities	Contains 1 C-type lectin domain.
Cellular localization	Membrane.

Images



Flow cytometry of C57Bl/6 splenocytes labeling NK1.1 at 0.5 µg with ab51239 and CD3e (right panel) or PE-Cyanine7 Mouse IgG2a isotype control at 0.5 µg (left panel).

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