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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NK1.1 antibody [PK136] (PerCP-Cy5.5)

Cat No. GTX01478-11

| | |
|--------------------|------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| Application | FACS |
| Reactivity | Mouse |

Reference (9)

Package

100 µg

PRODUCT

Summary

The PK136 antibody is specific for mouse NK1.1, a type II transmembrane lectin-like receptor and member of the killer cell lectin-like receptor (KLR) family. NK1.1 is prominently expressed on natural killer (NK) cells, and is correlated with NK cytotoxic effects toward virus-infected cells and tumor cells. NK1.1 is expressed on subsets of NKT cells in certain mouse strains (C57BL/6, FVB/N, and NZB), yet absent from others (AKR, BALB/c, CBA/J, C3H, DBA/1, DBA/2, NOD, SJL, and 129). Putative subsets of NK cells and their expression of NK1.1 antigen are of continuing interest, including NK1.1+/CD117+ (c-Kit) cells reported to be immunosuppressive for CD8+ T cells in a mechanism involving PD-1 and PD-L1. The PK136 antibody may be used for detection of NK1.1 expression on mouse strains including CE, B6, NZB, C58, Ma/My, ST, SJL, and FVB. The antibody is reported to react with an epitope common to NKR-P1B and NKR-P1C alloantigenic forms of NK1.1.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Dilution |
|--------------------|-----------------|
| FACS | Assay dependent |

Not tested in other applications.

Calculated MW 25 kDa. ([Note](#))

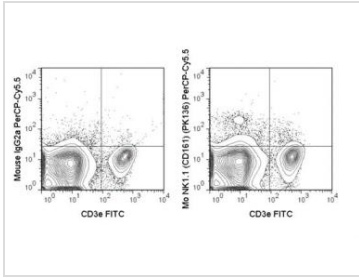
PROPERTIES

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | 10 mM NaH ₂ PO ₄ (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| Purification | Purified by affinity chromatography From tissue culture supernatant |
| Conjugation | Peridinin-chlorophyll proteins-Cyanine5.5 (PerCP-Cy5.5) |
| Note | For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |



For full product information, images and publications, please visit our [website](#).

DATA IMAGES

**GTX01478-11 FACS Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01478-11 NK1.1 antibody [PK136] (PerCP-Cy5.5).

Right panel : co-stained with NK1.1 antibody [PK136] (PerCP-Cy5.5) and Mouse CD3e antibody (FITC)

Left panel : co-stained with isotype control and Mouse CD3e antibody (FITC)

antibody amount : 0.25 μ g (5 μ l)



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