

Anti-NK-p44 antibody [EPR23732-129] - BSA and Azide free ab278102

Recombinant RabMAb

1 Image

Overview

| | |
|---------------------|---|
| Product name | Anti-NK-p44 antibody [EPR23732-129] - BSA and Azide free |
| Description | Rabbit monoclonal [EPR23732-129] to NK-p44 - BSA and Azide free |
| Host species | Rabbit |
| Tested applications | Suitable for: Flow Cyt Unsuitable for: ICC/IF, IHC-P, IP or WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | Flow Cyt: Human peripheral blood mononuclear cell (PBMC) treated with 20ng/ml Interleukin-2 (IL-2) for 7 days |
| General notes | ab278102 is the carrier-free version of ab259346 . |

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

Properties

| | |
|-----------------------------|--------------------------------|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | Constituent: 100% PBS |
| Carrier free | Yes |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR23732-129 |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab278102 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

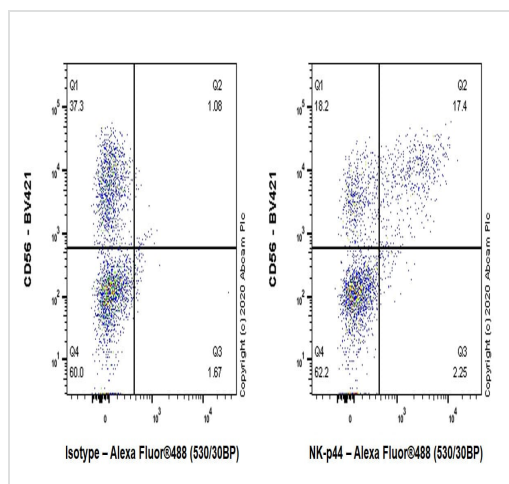
| Application | Abreviews | Notes |
|-------------|-----------|--|
| Flow Cyt | | Use at an assay dependent concentration. |

Application notes Is unsuitable for ICC/IF, IHC-P, IP or WB.

Target

| | |
|------------------------------|--|
| Function | Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. |
| Tissue specificity | Selectively expressed by activated NK cells and by in vitro cultured (i.e. activated) TCRg/d lymphoid cells. |
| Sequence similarities | Belongs to the natural cytotoxicity receptor (NCR) family. Contains 1 Ig-like (immunoglobulin-like) domain. |
| Cellular localization | Cell membrane. |

Images



Flow Cytometry - Anti-NK-p44 antibody [EPR23732-129] - BSA and Azide free (ab278102)

This data was developed using **ab259346**, the same antibody clone in a different buffer formulation.

Flow cytometric analysis of HeLa (human cervix adenocarcinoma epithelial cell) starved for 24 hours then treated with 100 ng/ml TPA for 4 hours (Red) /Untreated control (Green) cells labelling FRA1 with **ab259346** at 1/500 dilution (0.1ug)/ red compared with a Rabbit monoclonal IgG (**ab172730**) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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