abcam

Product datasheet

PE Anti-HA tag antibody [16B12] ab72479

2 References   1 Image

Overview

Product name	PE Anti-HA tag antibody [16B12]
Description	PE Mouse monoclonal [16B12] to HA tag
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	ab72479 recognizes HA epitopes located in the middle of protein sequences as well as at the N- or C-terminus.
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Species independent
Immunogen	Raised against the twelve amino acid peptide CYPYDVPDYASL.
Epitope	ab72479 recognizes the influenza hemagglutinin epitope (YPYDVPDYA).
General notes	Excitation max. lambda: 565>498 nm Emission max. lambda: 578 nm.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.013% Sodium azide Constituents: 0.1% BSA, 0.87% Sodium chloride, 1.64% Sodium phosphate
Purity	Size exclusion
Purification notes	Size exclusion chromatography as well as proprietary methods for purifying the final materials were used.
Clonality	Monoclonal
Clone number	16B12

Isotype	IgG1

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab72479 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
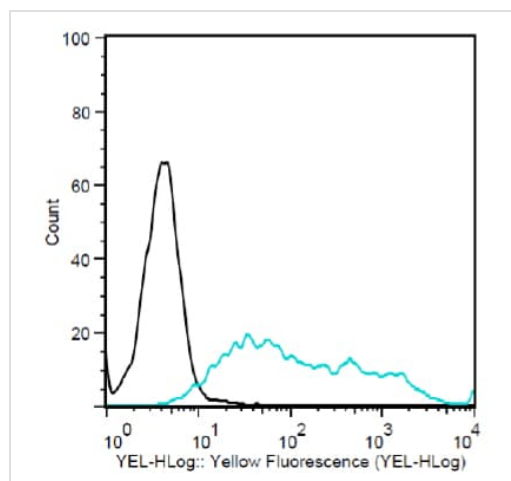
Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. **ab91357** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Relevance   Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Images

Flow Cytometry - PE Anti-HA tag antibody [16B12] (ab72479)

Flow cytometry analysis of a recombinant (N-terminus HA-tag) transmembrane cell surface receptor in CHO cells using ab72479 (blue). Black - Mouse IgG1 Phycoerythrin isotype control.

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