abcam

Product datasheet

PE/Cy7® Anti-NCAM1 antibody [MY31] ab210305

1 Image

Overview

Product name	PE/Cy7® Anti-NCAM1 antibody [MY31]
Description	PE/Cy7® Mouse monoclonal [MY31] to NCAM1
Host species	Mouse
Conjugation	PE/Cy7®. Ex: 496nm, Em: 774nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Human **Predicted to work with:** Chimpanzee, Cynomolgus monkey, Rhesus monkey
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	Human peripheral blood lymphocytes.
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 Cytiva. 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. Store In the Dark.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin
Purity	Protein G purified
Purification notes	ab210305 was purified from tissue culture supernatant via affinity chromatography. The purified

	antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation.
Clonality	Monoclonal
Clone number	MY31
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab210305 in the following tested applications.

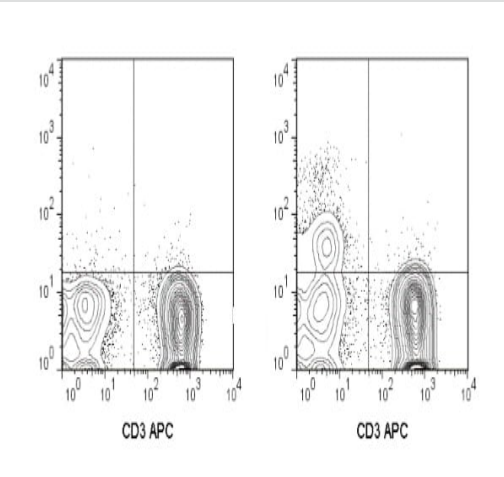
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 5µl for 10^{5-8} cells. The antibody has been diluted for use at 5 µl (0.5 µg) per test, defined as the amount of antibody that will stain a cell sample in a final volume of approximately 100 µl.

Target

Function	This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.
Sequence similarities	Contains 2 fibronectin type-III domains. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
Cellular localization	Secreted and Cell membrane.

Images



Flow Cytometry - PE/Cy7® Anti-NCAM1 antibody [MY31] (ab210305)

Flow cytometric analysis of Human peripheral blood lymphocytes stained with an APC Anti-Human CD3, followed by labeling of NCAM with 5 µl (0.5 µg) ab210305 (right panel), compared with 0.5 µg PE/Cy7 Mouse IgG1 isotype control (left panel).

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