

PE Anti-CD1a antibody [NA1/34] ab22352

2 References

Overview

Product name	PE Anti-CD1a antibody [NA1/34]
Description	PE Mouse monoclonal [NA1/34] to CD1a
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	ab22352 recognises specifically CD1a expressed by human cortical thymocytes, Langerhans cells, Dendritic cells and a subset of B cells.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human, Cynomolgus monkey
Immunogen	Tissue, cells or virus corresponding to Human CD1a. Fresh human thymocytes
General notes	<p>Recommended negative control: Mouse IgG2a Negative Control</p> <p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
Purification notes	Purified IgG prepared by ion exchange chromatography
Clonality	Monoclonal
Clone number	NA1/34
Myeloma	NS1/1-Ag4-1
Isotype	IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab22352 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 10µl for 10 ⁶ cells. ab91363 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody. Use 10µl for 10 ⁶ cells in 100µl.

Target

Function	Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.
Tissue specificity	Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.
Sequence similarities	Contains 1 Ig-like (immunoglobulin-like) domain.
Cellular localization	Cell membrane. Endosome membrane. Subject to intracellular trafficking between the cell membrane and endosomes. Localizes to cell surface lipid rafts.

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

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