

FITC Anti-LAMP1 antibody [1D4B] ab24871

5 References

Overview

Product name	FITC Anti-LAMP1 antibody [1D4B]
Description	FITC Rat monoclonal [1D4B] to LAMP1
Host species	Rat
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	This antibody is specific to murine CD107a/LAMP1 (Mr 110-140 kDa with a core protein of Mr ~40 kDa).
Tested applications	Suitable for: Electron Microscopy, IHC-Fr, IP, WB, Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse LAMP1. Plasma membrane fraction of mouse embryo NIH/3T3 cell line
General notes	<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. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Affinity purified
Clonality	Monoclonal
Clone number	1D4B
Isotype	IgG2a
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab24871 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
Electron Microscopy		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 45 kDa.
Flow Cyt		Use 1 µg for 10 ⁶ cells. ab18446 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function	Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis.
Sequence similarities	Belongs to the LAMP family.
Post-translational modifications	O- and N-glycosylated; some of the 18 N-linked glycans are polylactosaminoglycans.
Cellular localization	Cell membrane. Endosome membrane. Lysosome membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane.

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

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