

Datasheet

Lamp1 monoclonal antibody, clone 1D4B (FITC)

Catalog Number: MAB5835

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Lamp1.

Clone Name: 1D4B

Immunogen: Native purified Lamp1 from plasma membrane fraction of mouse embryo NIH3T3 cell line.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IHC-Fr, IP
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Murine CD107a/LAMP-1 (Mr 110-140 KDa with a core protein of Mr 40 KDa).

Form: Liquid

Conjugation: FITC

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (1 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 16783

Gene Symbol: Lamp1

Gene Alias: AI196048, CD107a, Lamp-1

References:

1. The targeting of Lamp1 to lysosomes is dependent on the spacing of its cytoplasmic tail tyrosine sorting motif relative to the membrane. Rohrer J, Schweizer A, Russell D, Kornfeld S. J Cell Biol. 1996 Feb;132(4):565-76.

2. Lysosomal membrane glycoproteins. Structure, biosynthesis, and intracellular trafficking. Fukuda M. J Biol Chem. 1991 Nov 15;266(32):21327-30.

3. The disulfide structure of mouse lysosome-associated membrane protein 1. Arterburn LM, Earles BJ, August JT. J Biol Chem. 1990 May 5;265(13):7419-23.