Lamp1 monoclonal antibody, clone 1D4B (FITC)

Catalog # MAB5835 Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against native Lamp1.
Immunogen	Native purified Lamp1 from plasma membrane fraction of mouse embryo NIH3T3 cell line.
Host	Rat
Reactivity	Mouse
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/10^6 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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry
- Immunoprecipitation

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Gene Info — Lamp1

Entrez GeneID	16783
Gene Name	Lamp1
Gene Alias	AI196048, CD107a, Lamp-1
Gene Description	lysosomal-associated membrane protein 1
Gene Ontology	Hyperlink
Other Designations	LYSOSOME-ASSOCIATED MEMBRANE GLYCOPROTEIN 1 PRECURSOR (LAMP-1) (LGP-A) (LGP-120) (CD107A) (P2B)|Lamp I|lysosomal membrane glycoprotein 1

Publication Reference

- The targeting of Lamp1 to lysosomes is dependent on the spacing of its cytoplasmic tail tyrosine sorting motif relative to the membrane.

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