Lamp2 monoclonal antibody, clone ABL-93 (APC)

Catalog # MAB5838 Size 100 ug

Specification

Product Description	Rat monoclonal antibody raised against native Lamp2.
Immunogen	Native purified mouse Lamp2.
Host	Rat
Reactivity	Mouse
Specificity	Murine CD107b/LAMP-2 (Mr 110-120 KDa with a core protein of Mr 40 KDa).
Form	Liquid
Conjugation	APC
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.2 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 — Lamp2

Entrez GeneID	16784
Gene Name	Lamp2
Gene Alias	CD107b, Lamp-2, Lamp-2a, Lamp-2b, Lamp-2c, Mac3
Gene Description	lysosomal-associated membrane protein 2
Gene Ontology	Hyperlink
Other Designations	Lamp II|OTTMUSP00000018739|OTTMUSP00000018801|lysosomal membrane glycoprotein 2|lysosome-associated membrane protein-2

Publication Reference

- Differential expression of the lysosome-associated membrane proteins in normal human tissues.

  Furuta K, Yang XL, Chen JS, Hamilton SR, August JT.

  Archives of Biochemistry and Biophysics 1999 May; 365(1):75.

  Application: IHC-P, WB-Ti, Human, Human tissues

- Lysosome-associated membrane proteins h-LAMP1 (CD107a) and h-LAMP2 (CD107b) are activation-dependent cell surface glycoproteins in human peripheral blood mononuclear cells which mediate cell adhesion to vascular endothelium.

  Kannan K, Stewart RM, Bounds W, Carlsson SR, Fukuda M, Betzing KW, Holcombe RF.

  Cellular Immunology 1996 Jul; 171(1):10.

- Lysosomal membrane glycoproteins. Structure, biosynthesis, and intracellular trafficking.

  Fukuda M.

  The Journal of Biological Chemistry 1991 Nov; 266(32):21327.

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