Lamp2 monoclonal antibody, clone ABL-93

Catalog # MAB3266 Size 500 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
Isotype	IgG2a
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry
- Immunoprecipitation

Gene Info — Lamp2

Entrez GeneID	16784

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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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