

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 should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

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.