

Datasheet

Lamp2 monoclonal antibody, clone ABL-93 (FITC)

Catalog Number: MAB5837

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Lamp2.

Clone Name: ABL-93

Immunogen: Native purified mouse Lamp2.

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 CD107b/LAMP-2 (Mr 110-120 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: 16784

Gene Symbol: Lamp2

Gene Alias: CD107b, Lamp-2, Lamp-2a, Lamp-2b, Lamp-2c, Mac3

References:

1. Differential expression of the lysosome-associated membrane proteins in normal human tissues. Furuta K, Yang XL, Chen JS, Hamilton SR, August JT. Arch Biochem Biophys. 1999 May 1;365(1):75-82.
2. 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. Cell Immunol. 1996 Jul 10;171(1):10-9.
3. Lysosomal membrane glycoproteins. Structure, biosynthesis, and intracellular trafficking. Fukuda M. J Biol Chem. 1991 Nov 15;266(32):21327-30.