LAMP1 monoclonal antibody (Ly1C6)

Lysosome-associated membrane proteins (LAMP1 and LAMP2) are type I integral membrane protein that are transported from the trans-Golgi network to endosomes and then lysosomes. Following activation of platelets, T-cells, neutrophils, or endothelium, LAMP1 and LAMP2 are expressed on the cell surface. Cell surface LAMP1 and LAMP2 have been shown to promote adhesion of human peripheral blood mononuclear cells (PBMC) to vascular endothelium, and loss of LAMP2 expression is associated with impaired autophagy observed in Danons disease.

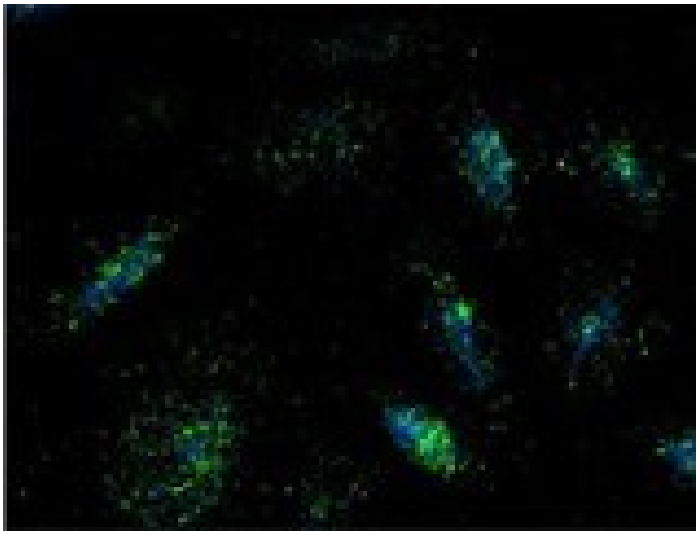
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ADI-VAM-EN001-D	50µg
ADI-VAM-EN001-F	200µg

Manuals, SDS & CofA View Online »



Immunocytochemistry analysis of CHO K1 cells incubated with LAMP1, mAb (Ly1C6) at 1:100 and goat anti-mouse Alexa 488 secondary antibody (Image provided by Dr. Guy Groblewski, University of Wisconsin-Madison).

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Lysosomal-associated membrane protein 1
Application	Electron microscopy, ICC, IF, IP, WB
Application Notes	Detects a band of ~120kDa by Western blot.
Clone	LY1C6
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M34959
Host	Mouse
Immunogen	Rat liver lysosomal membrane preparation.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Immunocytochemistry (1:100)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from ascites.
Species Reactivity	Hamster, Human, Rat
UniProt ID	P14562

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