



Rabbit Anti-Human LAMP1 monoclonal antibody, clone KK1051 (CABT-L857)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	LAMP1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KK1051
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	120 kDa
Cellular Localization	Cell membrane, Endosome membrane, Lysosome membrane, Late endosome.
Positive Control	Jurkat, Hela, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

Lysosome-associated membrane proteins (LAMP) are glycosylated type I membrane proteins that play a role in the biogenesis of the pigment melanin. LAMP-1 (also designated CD107a) and LAMP-2 (also designated CD107b) are involved in a variety of functions, including cellular adhesion, and are thought to participate in the process of tumor invasion and metastasis. Newly synthesized LAMP-1 and LAMP-2 proteins are sorted at the trans-Golgi network and are transported intracellularly via a pathway that is distinct from the Clathrin-coated vesicles used for the mannose-6 phosphate receptor. LAMP-1 is expressed on the surface of Thrombin-activated but not resting platelets, and it is thought to be involved in the adhesive, prothrombic properties of these cells. Both LAMP-1 and LAMP-2 are involved in maintaining lysosome acidity and protecting the lysosomal membranes from autodigestion, and their expression is increased in patients with lysosomal storage disorders.

Keywords

CD107 antigen like family member A;CD107 antigen-like family member A;CD107a;CD107a antigen;LAMP 1;LAMP-1;LAMP1;LAMP1_HUMAN;LAMP1;LGP120;lgpA;Lysosomal membrane glycoprotein 120KD;Lysosomal Associated Membrane Protein 1;Lysosome associated membrane glycoprotein 1;Lysosome-associated membrane glycoprotein 1;Lysosome-associated membrane protein 1;OTTHUMP00000040663 antibody

GENE INFORMATION

Entrez Gene ID

[3916](#)

UniProt ID

[A0A024RDY3](#)
