

ARG21098 anti-CD107a / LAMP1 antibody [1D4B] (APC)

Package: 50 µg
Store at: 4°C

Summary

Product Description	APC-conjugated Rat Monoclonal antibody [1D4B] recognizes CD107a / LAMP1
Tested Reactivity	Ms
Tested Application	ELISA, EM, FACS, ICC/IF, IHC-Fr, IHC-P, Puri, WB
Specificity	Mouse CD107a.
Host	Rat
Clonality	Monoclonal
Clone	1D4B
Isotype	IgG2a, kappa
Target Name	CD107a / LAMP1
Species	Mouse
Immunogen	Plasma membrane fraction of mouse embryo NIH/3T3 cell line
Conjugation	APC
Alternate Names	LGP120; CD107a; LAMPA; CD antigen CD107a; Lysosome-associated membrane glycoprotein 1; CD107 antigen-like family member A; LAMP-1; Lysosome-associated membrane protein 1

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	EM	Assay-dependent
	FACS	< 0.2 µg/10 ⁶ cells
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
	Puri	Assay-dependent
	WB	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

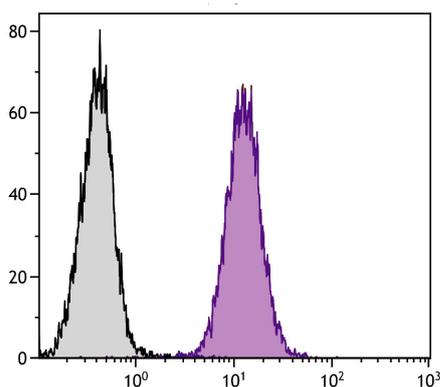
Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.

Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 16783 Mouse Swiss-port # P11438 Mouse
Gene Symbol	LAMP1
Gene Full Name	lysosomal-associated membrane protein 1
Background	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may also play a role in tumor cell metastasis. [provided by RefSeq, Jul 2008]
Function	Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. [UniProt]
Research Area	Cancer antibody; Cell Death antibody; Controls and Markers antibody; Developmental Biology antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody; Lysosome Marker antibody
Calculated Mw	45 kDa
PTM	O- and N-glycosylated; some of the 18 N-linked glycans are polylactosaminoglycans. The glycosylation of N-76 is essential for Lassa virus entry into cells.

Images



ARG21098 anti-CD107a / LAMP1 antibody [1D4B] (APC) FACS image

Flow Cytometry: Mouse M phi cell stained with ARG21098 anti-CD107a / LAMP1 antibody [1D4B] (APC).