

Product datasheet

info@arigobio.com

ARG43771 anti-CD107b / LAMP2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CD107b / LAMP2

Tested Reactivity Hu

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CD107b / LAMP2

Species Human

Immunogen Recombinant protein corresponding to Human CD107b / LAMP2.

Conjugation Un-conjugated

Alternate Names CD antigen CD107b; LAMPB; CD107b; LGP110; Lysosome-associated membrane glycoprotein 2;

LAMP-2; CD107 antigen-like family member B; Lysosome-associated membrane protein 2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	100-130 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer 50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.

Preservative 0.01% Sodium azide

Stabilizer 40% Glycerol and 0.05% BSA

Concentration Batch dependent

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol LAMP2

Gene Full Name lysosomal-associated membrane protein 2

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 play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene

results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2008]

Function Implicated in tumor cell metastasis. May function in protection of the lysosomal membrane from

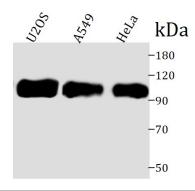
> autodigestion, maintenance of the acidic environment of the lysosome, adhesion when expressed on the cell surface (plasma membrane), and inter- and intracellular signal transduction. Protects cells from

the toxic effects of methylating mutagens. [UniProt]

Calculated Mw 45 kDa

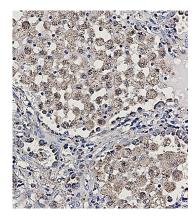
PTM O- and N-glycosylated; some of the 16 N-linked glycans are polylactosaminoglycans.

Images



ARG43771 anti-CD107b / LAMP2 antibody WB image

Western blot: HeLa cell lysate stained with ARG43771 anti-CD107b / LAMP2 antibody at 1:1000 dilution, overnight at 4°C.



ARG43771 anti-CD107b / LAMP2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue stained with ARG43771 anti-CD107b / LAMP2 antibody.