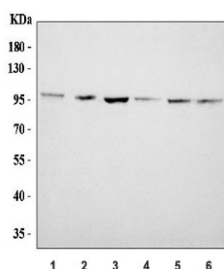


CD107b Antibody / LAMP2 (RQ7090)

Catalog No.	Formulation	Size
RQ7090	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P13473
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This CD107b antibody is available for research use only.



Western blot testing of human 1) U-87 MG, 2) PC-3, 3) 293T, 4) Jurkat, 5) HepG2 and 6) HeLa cell lysate with CD107b antibody. The protein can be extensively glycosylated and visualized from 45~110 kDa.

Description

Lysosome-associated membrane protein 2 (LAMP2), also known as CD107b (Cluster of Differentiation 107b) and Mac-3, is a human gene. Its protein, LAMP2, is one of the lysosome-associated membrane glycoproteins. 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.

Application Notes

Optimal dilution of the CD107b antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D128-F410) was used as the immunogen for the CD107b antibody.

Storage

After reconstitution, the CD107b antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.