

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD107a / LAMP1



Numéro de catalogue: FITC-65050

1 Publications

Informations de base

Numéro de catalogue: FITC-65050	Numéro d'acquisition GenBank: BC006785	Méthode de purification: Purification par affinité
Taille: 500ug, 0.5 mg/ml	Identification du gène (NCBI): 16783	CloneNo.: 1D4B
Hôte: Rat	Nom complet: lysosomal-associated membrane protein 1	Excitation/Emission maxima wavelengths: 494 nm / 520 nm
Isotype: IgG2a, kappa		

Applications

Applications testées:

FC (Intra)

Demandes citées:

FC

Spécificité de l'espèce:

souris

Espèces citées:

souris

Informations générales

LAMP1 (CD107a) is a heavily glycosylated membrane protein enriched in the lysosomal membrane. LAMP1 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis (PMID: 10521503). Although LAMP1 is expressed largely in the endosome-lysosomal membrane of cells, it is also found on the plasma membrane (PMID: 16168398). Elevated LAMP1 expression at the cell surface has also been detected during platelet and granulocytic cell activation, as well as in some tumor cells (PMID: 29085473). LAMP1 functions to provide selectins with carbohydrate ligands. This protein has also been shown to be a marker of degranulation on lymphocytes such as CD8+ and NK cells and may also play a role in tumor cell differentiation and metastasis (PMID: 18835598; 29085473; 9426697).

Publications notables

Autrice	Pubmed ID	Journal	Application
Mina Yang	36944334	Immunity	FC

Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 %.

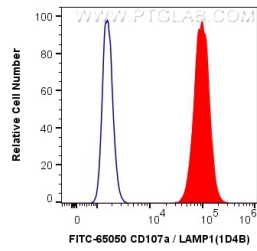
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Données de validation sélectionnées



1X10⁶ NIH/3T3 cells were intracellularly stained with 4 ul FITC Anti-Mouse CD107a / LAMP1 (FITC-65050, Clone:1D4B) (red), or Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).