

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD107a / LAMP1



Numéro de catalogue: **CL647-65050**

2 Publications

## Informations de base

Numéro de catalogue:

CL647-65050

Taille:

100tests, 5 µl/test

Hôte:

Rat

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC006785

Identification du gène (NCBI):

16783

Nom complet:

lysosomal-associated membrane protein 1

Méthode de purification:

Purification par affinité

CloneNo.:

1D4B

Dilutions recommandées:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Applications testées:

FC (Intra), IF

Demandes citées:

IF

Spécificité de l'espèce:

souris

Espèces citées:

Humain, souris

Contrôles positifs:

IF : cellules NIH/3T3,

## 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
Lini Jin	37634745	Free Radic Biol Med	IF
Zhensheng Zhang	37309040	J Zhejiang Univ Sci B	IF

## 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 % et BSA à 0,5 %, pH 7,3.

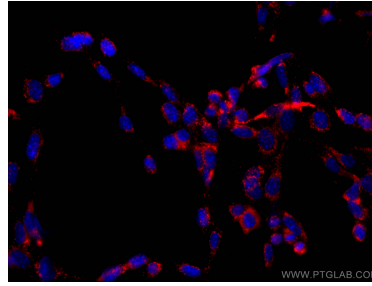
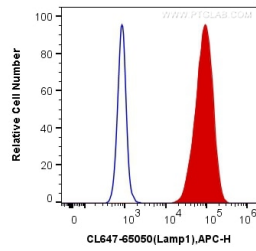
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## Données de validation sélectionnées



1X10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 5  $\mu$ l Coralite® Plus 647 Anti-Mouse CD107a (CL647-65050, Clone:1D4B) (red), or Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using Coralite® Plus 647 CD107a antibody (CL647-65050, Clone: 1D4B) at dilution of 1:400.