

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD107a / LAMP1



Numéro de catalogue: **CL594-65051**

Informations de base

Numéro de catalogue:

CL594-65051

Taille:

100tests , 5 µl/test

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC006345

Identification du gène (NCBI):

3916

Nom complet:

lysosomal-associated membrane protein 1

Méthode de purification:

Purification par protéine G

CloneNo.:

H4A3

Dilutions recommandées:

IF 1:200-1:800

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Applications testées:

FC (Intra), IF

Spécificité de l'espèce:

Humain

Contrôles positifs:

IF : cellules HeLa,

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).

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.

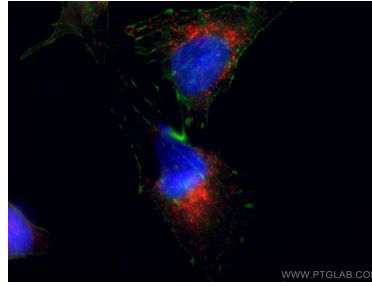
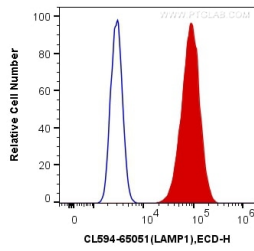
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Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 5 ul CoraLite@594 Anti-Human CD107a (CL594-65051, Clone: H4A3) (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 HeLa cells using CoraLite@594-conjugated CD107a antibody (CL594-65051, Clone: H4A3) at dilution of 1:400. F-actin was stained using CL488-phalloidin (green) and DNA was stained by DAPI (blue).