

CD107a / LAMP1 Monoklonaler Antikörper

Katalog-Nr.: CL488-65050

Allgemeine Informationen

Katalog-Nr.: CL488-65050	GenBank-Zugangsnummer: BC006785	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests, 5 µl/test	GeneID (NCBI): 16783	CloneNo.: 1D4B
Wirt: Ratte	Vollständiger Name: lysosomal-associated membrane protein 1	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a, kappa		Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : NIH/3T3-Zellen,
Getestete Reaktivität: Maus	

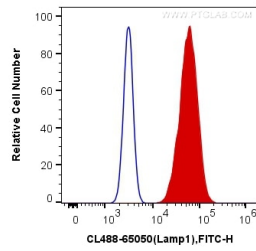
Hintergrundinformationen

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).

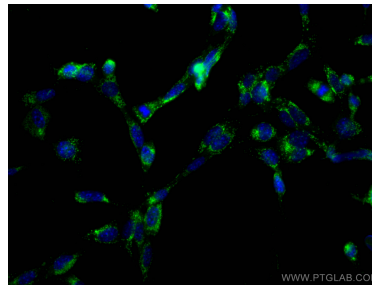
Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Lagerungspuffer:
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

Ausgewählte Validierungsdaten



1X10⁶ NIH/3T3 cells were intracellularly stained with 5 μ l CoraLite® Plus 488 Anti-Mouse CD107a (CL488-65050, 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 488 CD107a antibody (CL488-65050, Clone: 1D4B) at dilution of 1:400.