

Nur für Forschungszwecke

CD107a / LAMP1 Monoklonaler Antikörper



Katalog-Nr.: FITC-65050

1 Publikationen

Allgemeine Informationen

| | | |
|-----------------------------------|---|--|
| Katalog-Nr.: FITC-65050 | GenBank-Zugangsnummer: BC006785 | Reinigungsmethode: Affinitätsreinigung |
| Größe: 500ug, 0.5 mg/ml | GeneID (NCBI): 16783 | CloneNo.: 1D4B |
| Wirt: Ratte | Vollständiger Name: lysosomal-associated membrane protein 1 | Anregungs-/Emissionsmaxima-Wellenlängen: 494 nm / 520 nm |
| Isotyp: IgG2a, kappa | | |

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

In Publikationen genannte Anwendungen:
FC

Getestete Reaktivität:
Maus

Zitierte Arten:
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).

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-----------|-----------|----------|-----------|
| Mina Yang | 36944334 | Immunity | FC |

Lagerung

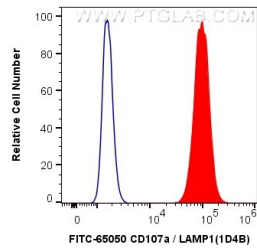
Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Lagerungspuffer:
PBS mit 0,1% Natriumazid.

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Ausgewählte Validierungsdaten



1X10⁶ NIH/3T3 cells were intracellularly stained with 4 μ l 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).