

Nur für Forschungszwecke

# CD107b / LAMP2 Monoklonaler Antikörper



Katalog-Nr.:CL594-65053

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-65053	<b>GenBank-Zugangsnummer:</b> BC002965	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 3920	<b>CloneNo.:</b> H4B4
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> lysosomal-associated membrane protein 2	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 45 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HeLa-Zellen,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

LAMP2 (CD107b) is a Lysosomal membrane glycoprotein. LAMP2 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis (PMID: 10521503). Although LAMP-2 is localized primarily in the endosome-lysosomal membrane of cells, it is also found on the plasma membrane under certain circumstances, e.g., after platelet activation, during granulocytic differentiation and activation, and in some tumor cells (PMID: 12221139). LAMP is involved in lysosomal stability and autophagy (PMID: 12221139). This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis (PMID 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.

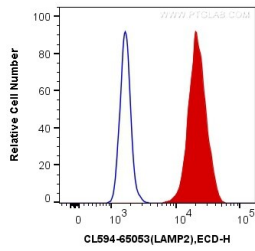
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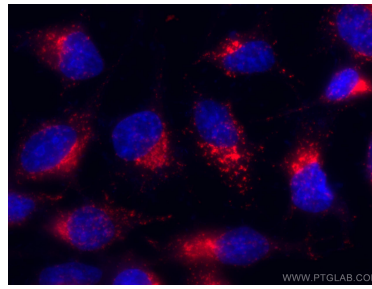
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 5  $\mu$ l CoraLite<sup>®</sup>594 Anti-Human CD107b (CL594-65053, Clone:H4B4) (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<sup>®</sup>594-conjugated CD107b antibody (CL594-65053, Clone: H4B4) at dilution of 1:50.