

Nur für Forschungszwecke

# CD11c Monoklonaler Antikörper

Katalog-Nr.:CL488-65196



## Allgemeine Informationen

|                                       |   |  |
|---------------------------------------|---|--|
| <b>Katalog-Nr.:</b><br>CL488-65196    | <b>GenBank-Zugangsnummer:</b><br>BC038237   | <b>Reinigungsmethode:</b><br>Protein-G-Reinigung                   |
| <b>Größe:</b><br>100tests , 5 µl/test | <b>GeneID (NCBI):</b><br>3687   | <b>CloneNo.:</b><br>BU15   |
| <b>Wirt:</b><br>Maus                  | <b>Vollständiger Name:</b><br>integrin, alpha X (complement component 3 receptor 4 subunit) | <b>Anregungs-/Emissionsmaxima-Wellenlängen:</b><br>493 nm / 522 nm |
| <b>Isotyp:</b><br>Mouse IgG1, kappa   | <b>Berechnete Masse:</b><br>1169 aa, 129 kDa  |  |

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11c, also known as integrin  $\alpha X$ , is a type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, a subset of B cells, NK cells and dendritic cells (PMID: 2897326; 1680915; 1694698; 17389580). As a result of its high level of expression on most dendritic cells, CD11c is typically considered to be a marker of conventional dendritic cells (PMID: 27119555). CD11c forms an  $\alpha/\beta$  heterodimer with CD18 (integrin  $\beta 2$ ). CD11c/CD18 acts a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

## Lagerung

**Lagerungsbedingungen:**  
Bei 2-8°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

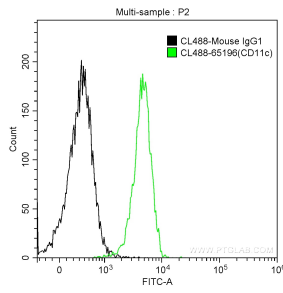
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## Ausgewählte Validierungsdaten



$1 \times 10^6$  Human peripheral blood granulocytes were surface stained with 5  $\mu$ l CoraLite® Plus 488-conjugated Anti-Human CD11c (CL488-65196, Clone: BU15) (green) or isotype control antibody (black). Cells were not fixed.