

Nur für Forschungszwecke

# CD11c Monoklonaler Antikörper

Katalog-Nr.:CL488-65130



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65130	<b>GenBank-Zugangsnummer:</b> BC167225	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 16411	<b>CloneNo.:</b> N418
<b>Wirt:</b> Armenian Hamster	<b>Vollständiger Name:</b> integrin alpha X	<b>Empfohlene Verdünnungen:</b> IF 1:200-1:800
<b>Isotyp:</b> IgG		<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF,FC	<b>Positivkontrollen:</b> IF : Maus-Splenozyten,
<b>Getestete Reaktivität:</b> Maus	

## 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.

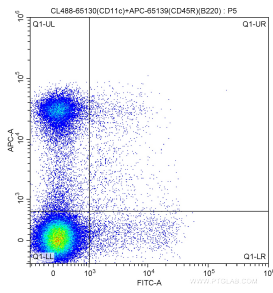
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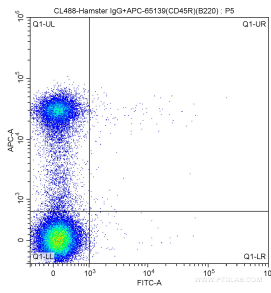
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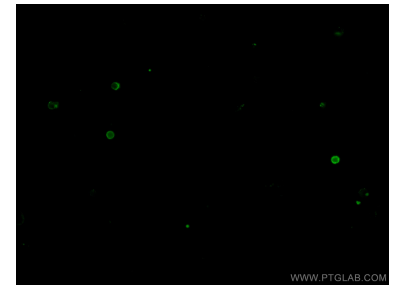
## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD45R (B220) (APC-65139, Clone: RA3-6B2) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Mouse CD11c (CL488-65130, Clone: N418). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD45R (B220) (APC-65139, Clone: RA3-6B2) and CoraLite® Plus 488-conjugated Hamster IgG isotype control antibody. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 488 CD11c antibody (CL488-65130, Clone: N418) at dilution of 1:400.