

Nur für Forschungszwecke

# CD11b Monoklonaler Antikörper

Katalog-Nr.:PE-65116



## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-65116	<b>GenBank-Zugangsnummer:</b> BC096346	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 3684	<b>CloneNo.:</b> ICRF44
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> integrin, alpha M (complement component 3 receptor 3 subunit)	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 1152 aa, 127 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). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an  $\alpha/\beta$  heterodimer with CD18 (integrin  $\beta 2$ ). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1 (PMID: 2971974; 15485828).

## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Lagerungspuffer:**  
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

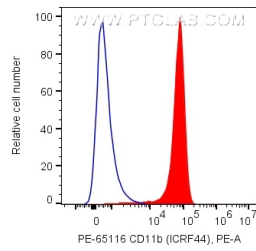
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul PE Anti-Human CD11b (PE-65116, Clone: ICRF44) (red) or PE-mouse IgG1 isotype control (blue). Cells were not fixed. Monocytes were gated.