

Nur für Forschungszwecke

CD11B/Integrin Alpha M Monoklonaler Antikörper



Katalog-Nr.: 66519-1-Ig **25 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 66519-1-Ig	GenBank-Zugangsnummer: NM_000632	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1900 µg/ml von 3684 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3684	CloneNo.: 1C7C2
Wirt: Maus	Vollständiger Name: integrin, alpha M (complement component 3 receptor 3 subunit)	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:500-1:2000 IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 93 kDa	
	Beobachtete Masse: 160 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB: THP-1-Zellen, humanes Knochenmarkgewebe, TF-1-Zellen
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	IHC: humanes Tonsillitisgewebe,
Getestete Reaktivität: Human	IF: humanes Tonsillitisgewebe,
Zitierte Arten: Human	

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α/β 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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yao-Juan Chu	33101289	Front Immunol	IF
Lei Jia	36110890	Stem Cells Int	IF
Houhong Zhou	36386141	Front Pharmacol	IHC

Lagerung

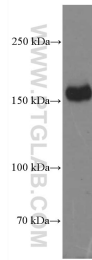
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

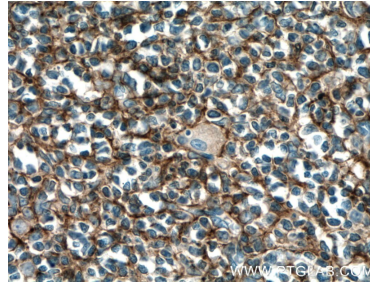
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

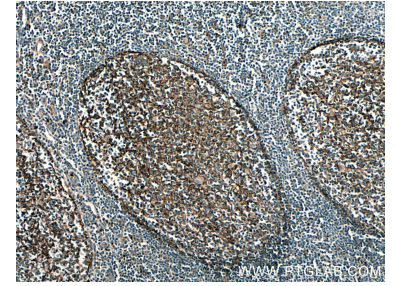
Ausgewählte Validierungsdaten



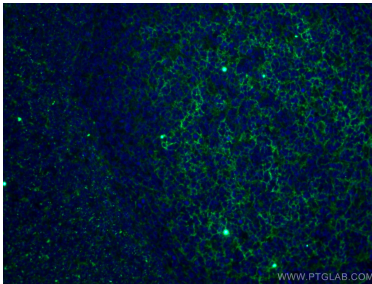
THP-1 cells were subjected to SDS PAGE followed by western blot with 66519-1-Ig (CD11B/Integrin alpha M antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



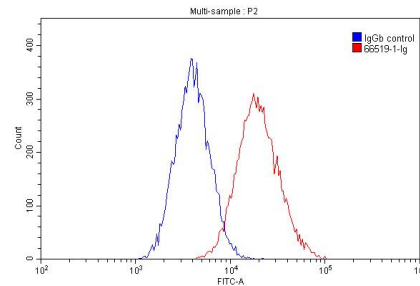
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66519-1-Ig (CD11B/Integrin alpha M antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66519-1-Ig (CD11B/Integrin alpha M antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66519-1-Ig (CD11B/Integrin alpha M antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1x10⁶ THP-1 cells were stained with 0.20ug CD11B/Integrin alpha M antibody (66519-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.