

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD11B/Integrin Alpha M



Numéro de catalogue: 66519-1-Ig **29 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 66519-1-Ig	<b>Numéro d'acquisition GenBank:</b> NM_000632	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3684	<b>CloneNo.:</b> 1C7C2
<b>Hôte:</b> Mouse	<b>Nom complet:</b> integrin, alpha M (complement component 3 receptor 3 subunit)	<b>Dilutions recommandées:</b> WB 1:1000-1:4000 IHC 1:500-1:2000 IF 1:50-1:500
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 93 kDa	
	<b>MW observés:</b> 160 kDa	

## Applications

**Applications testées:**  
FC, IF, IHC, WB, ELISA

**Demandes citées:**  
FC, IF, IHC, WB

**Spécificité de l'espèce:**  
Humain

**Espèces citées:**  
Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

**Contrôles positifs:**

**WB :** cellules THP-1, cellules TF-1, tissu de moelle osseuse humain

**IHC :** tissu d'amygdalite humain,

**IF :** tissu d'amygdalite humain,

## Informations générales

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).

## Publications notables

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

## Stockage

**Stockage:**

Stocker à -20°C. Stable pendant un an après l'expédition.

**Tampon de stockage:**

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

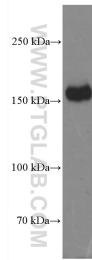
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

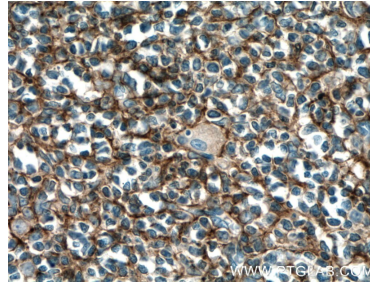
E: proteintech@ptglab.com  
W: ptglab.com

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

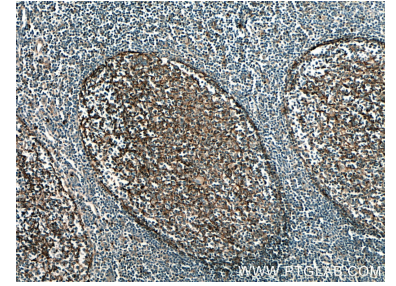
## Données de validation sélectionnées



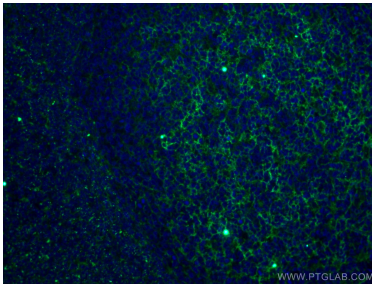
THP-1 cells were subjected to SDS PAGE followed by western blot with 66519-1-Ig (CD11B/Integrin alpha M antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



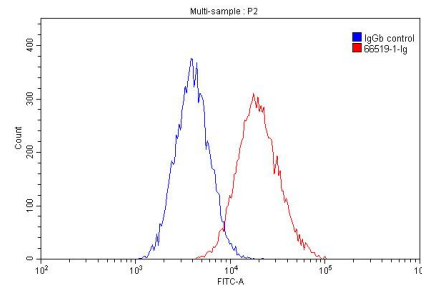
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66519-1-Ig (CD11B/Integrin alpha M antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1x10<sup>6</sup> 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.