

Nur für Forschungszwecke

CD18 Polyklonaler Antikörper

Katalog-Nr.:10554-1-AP

Vorgestelltes Produkt

18 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10554-1-AP	GenBank-Zugangsnummer: BC005861	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 550 µg/ml von Nanodrop und 307 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3689	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	
Isotyp: IgG	Berechnete Masse: 85 kDa	
Immunogen Katalognummer: AG0861	Beobachtete Masse: 85-90 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : U-937-Zellen, IHC : humanes Tonsillitisgewebe, IF : humanes Tonsillitisgewebe,
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

CD18, also known as integrin beta-2, is a transmembrane protein that forms heterodimers with CD11a, CD11b, CD11c, CD11d (PMID: 1968349). CD11a/CD18 (LFA-1) is expressed by all leukocytes, while CD11b/CD18 (Mac-1) and CD11c/CD18 (p150,95) are normally restricted to expression on monocytes, macrophages, polymorphonuclear lymphocytes (PMNs), and natural killer cells (PMID: 1968349; 3109455; 10946284). CD18 plays an important role in mediating cell adhesion during immune response and defects of CD18 cause leukocyte adhesion deficiency (PMID: 3594570).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yali Jun	32997489	ACS Appl Mater Interfaces	WB,IF
Xiaoxin Zhang	33204328	Theranostics	WB,IHC,IF
Yiwei Xiong	29127148	J Immunol	IF

Lagerung

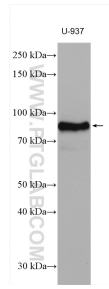
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

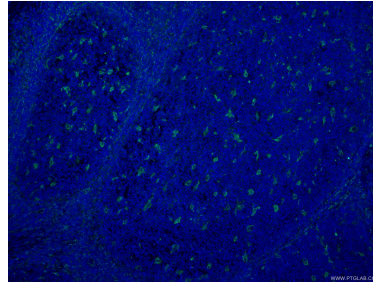
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

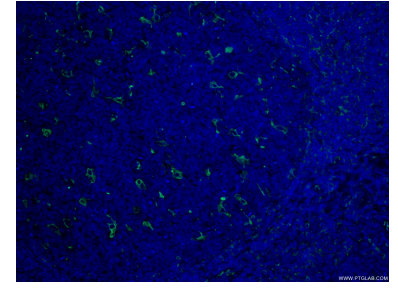
Ausgewählte Validierungsdaten



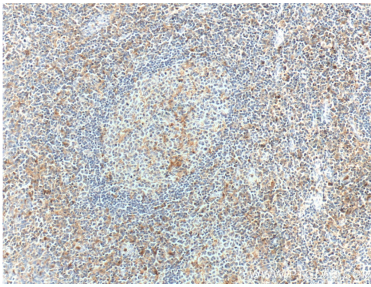
U-937 cells were subjected to SDS PAGE followed by western blot with 10554-1-AP (CD18 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



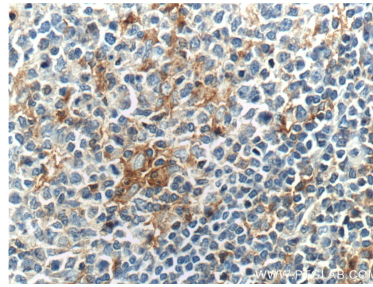
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 10554-1-AP (CD18 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



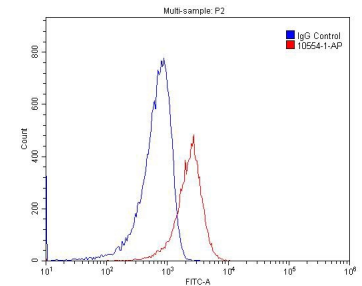
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 10554-1-AP (CD18 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10554-1-AP (CD18 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10554-1-AP (CD18 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 RAW 264.7 cells were stained with 0.2ug CD18 antibody (10554-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.