

Nur für Forschungszwecke

CD19 Monoklonaler Antikörper

Katalog-Nr.:66298-1-Ig **5 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66298-1-Ig	GenBank-Zugangsnummer: BC006338	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1500 µg/ml von930 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: CD19 molecule	CloneNo.: 1C10A1
Wirt: Maus	Berechnete Masse: 556 aa, 61 kDa	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:500-1:2000 IF 1:750-1:3000
Isotyp: IgG1	Beobachtete Masse: 95 kDa	
Immunogen Katalognummer: AG19945		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : Raji-Zellen, Daudi-Zellen, Ramos-Zellen IHC : humanes Tonsillitisgewebe, IF : Raji-Zellen,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human	
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

CD19 is a B cell-specific molecule that controls B cell activation by complexing with the BCR. CD19 is a member of the Ig superfamily and is the dominant component for the signaling complex on B cells that includes CD21, CD81, and CD22. Humans with CD19 deficiency have reduced proliferative responses to BCR stimulation in vitro and mount impaired Ab responses to vaccination.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaomin Lu	34700112	Int Immunopharmacol	IHC
Xinying Tang	32454143	Cancer Lett	WB
Liqiong Chen	35513753	In Vitro Cell Dev Biol Anim	WB

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

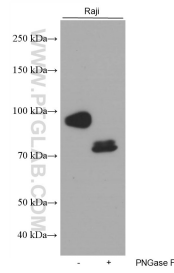
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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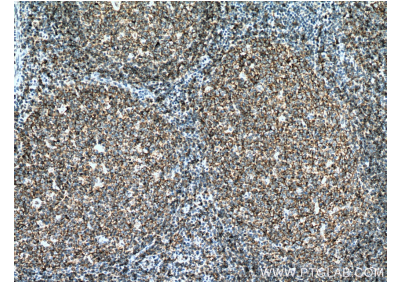
Ausgewählte Validierungsdaten



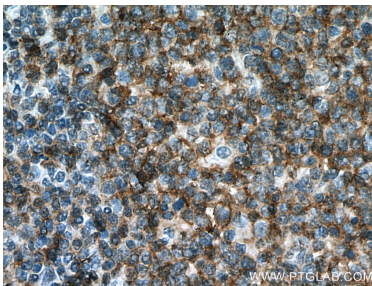
Raji cells were subjected to SDS PAGE followed by western blot with 66298-1-Ig (CD19 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



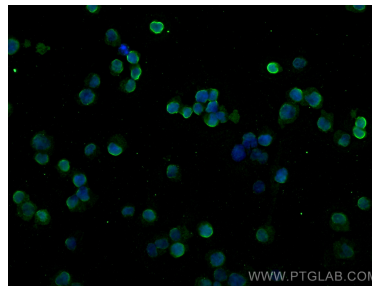
Untreated and PNGase F-treated lysates of Raji cells were subjected to SDS PAGE followed by western blot with 66298-1-Ig (CD19 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



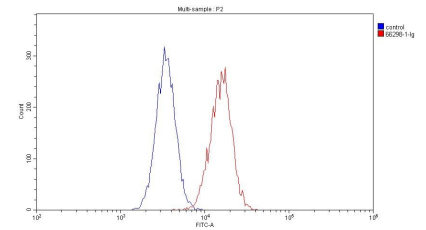
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66298-1-Ig (CD19 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66298-1-Ig (CD19 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Raji cells using CD19 antibody (66298-1-Ig, Clone: 1C10A1) at dilution of 1:1500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 Raji cells were stained with 0.20ug CD19 antibody (66298-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.