

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD19

Numéro de catalogue: 66298-1-Ig **6 Publications**



Informations de base

| | | |
|--|--|---|
| Numéro de catalogue: 66298-1-Ig | Numéro d'acquisition GenBank: BC006338 | Méthode de purification: Purification par protéine A |
| Taille: 150ul , Concentration: 1500 µg/ml by 930 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): CD19 molécule | CloneNo.: 1C10A1 |
| Hôte: Mouse | Nom complet: CD19 molécule | Dilutions recommandées: WB 1:1000-1:4000 IHC 1:500-1:2000 IF 1:750-1:3000 |
| Isotype: IgG1 | MW calculé: 556 aa, 61 kDa | |
| Immunogen Catalog Number: AG19945 | MW observés: 95 kDa | |

Applications

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|---|---|
| Applications testées: FC, IF, IHC, WB, ELISA | Contrôles positifs: WB : cellules Raji, cellules Daudi, cellules Ramos IHC : tissu d'amygdalite humain, IF : cellules Raji, |
| Demandes citées: 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; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0. | |

Informations générales

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.

Publications notables

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

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.**

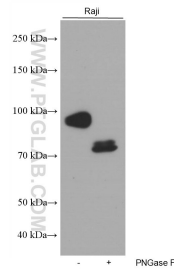
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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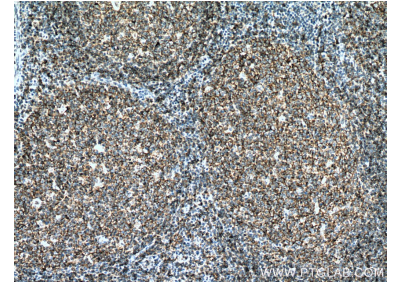
Données de validation sélectionnées



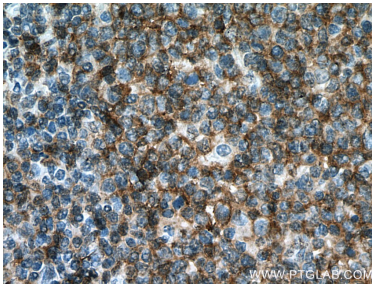
Raji cells were subjected to SDS PAGE followed by western blot with 66298-1-Ig (CD19 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



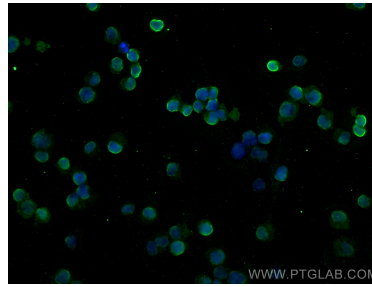
Untreated and PNGase F-treated lysates of Raji cells were subjected to SDS PAGE followed by western blot with 66298-1-Ig (CD19 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



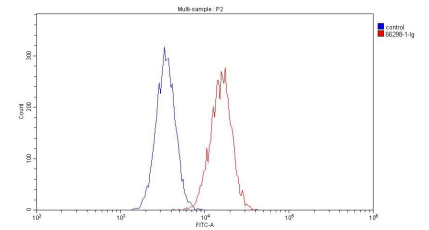
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66298-1-Ig (CD19 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.