

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD2

Numéro de catalogue: 60005-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 60005-1-Ig	Numéro d'acquisition GenBank: BC033583	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1800 µg/ml by 914 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 914	CloneNo.: 3A10B2
Hôte: Mouse	Nom complet: CD2 molecule	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG1	MW calculé: 351 aa, 39 kDa	
Immunogen Catalog Number: AG0423	MW observés: 50 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : cellules Jurkat, tissu splénique humain IHC : tissu d'amygdalite humain,
Demandes citées: IF	
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

CD2 is a cell surface glycoprotein present on a majority of thymocytes, all mature T cells and subset of NK cells but not on B lymphocytes. It is a pan T-cell marker. CD2 interacts with lymphocyte function-associated antigen (LFA-3/CD58) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tomoyuki Abe	33395577	Exp Hematol	IF

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.

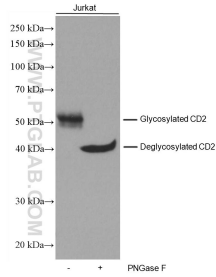
For technical support and original validation data for this product please contact:

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

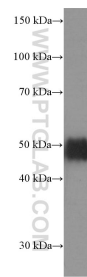
E: proteintech@ptglab.com
W: ptglab.com

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

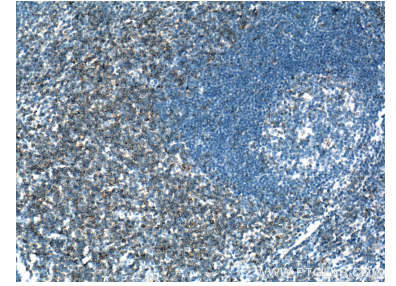
Données de validation sélectionnées



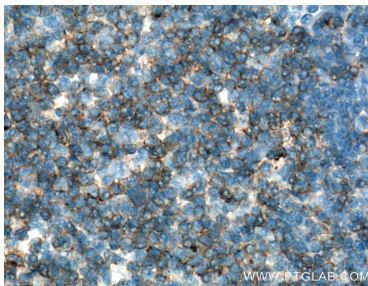
Untreated and PNGase F-treated lysates of Jurkat cells were subjected to SDS PAGE followed by western blot with 60005-1-Ig (CD2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



Jurkat cells were subjected to SDS PAGE followed by western blot with 60005-1-Ig (CD2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60005-1-Ig (CD2 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 60005-1-Ig (CD2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).