

For Research Use Only

CD2 Monoclonal antibody, PBS Only

Catalog Number: 60005-1-PBS



Basic Information

Catalog Number:

60005-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0423

GenBank Accession Number:

BC033583

GeneID (NCBI):

914

ENSEMBL Gene ID:

ENSG00000116824

UNIPROT ID:

P06729

Full Name:

CD2 molecule

Calculated MW:

351 aa, 39 kDa

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

3A10B2

Applications

Tested Applications:

WB,IHC,ELISA

Species Specificity:

human

Background Information

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

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

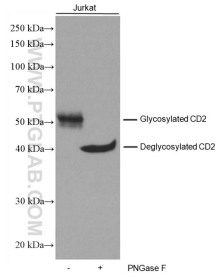
T: 4006900926

E: Proteintech-CN@ptglab.com

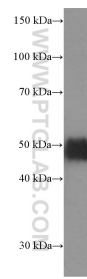
W: ptgcn.com

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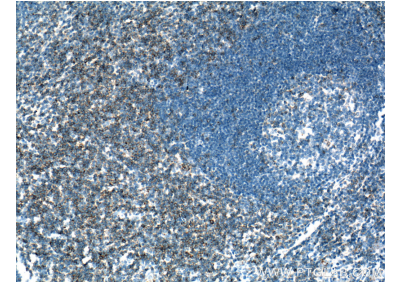
Selected Validation Data



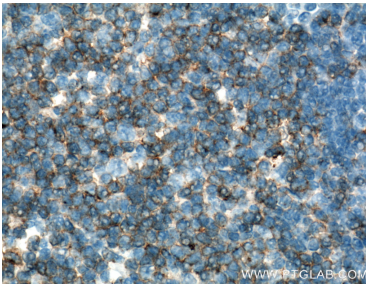
Untreated and PNGase F-treated lysates of Jurkat cells were subjected to SDS PAGE followed by western blot with 60005-1-Ig (CD2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808). This data was developed using the same antibody clone with 60005-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 60005-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 60005-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 60005-1-PBS in a different storage buffer formulation.