

For Research Use Only

CD2 Recombinant antibody

Catalog Number: 84360-4-RR



Basic Information

Catalog Number:

84360-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_013486.2

GeneID (NCBI):

12481

UNIPROT ID:

P08920

Full Name:

CD2 antigen

Calculated MW:

38 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

241548D7

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

mouse

Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0*

Positive Controls:

WB: CTLL-2 cells,

IHC: mouse thymus tissue,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

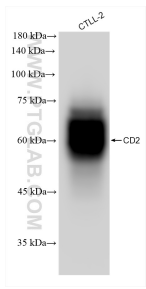
T: 4006900926

E: Proteintech-CN@ptglab.com

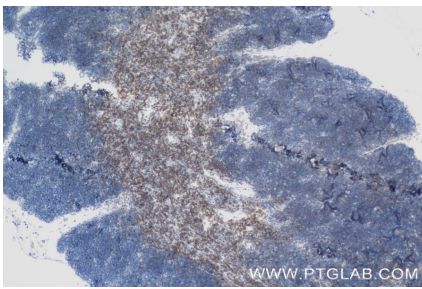
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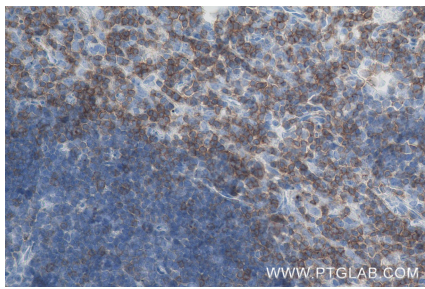
Selected Validation Data



CTL-2 cells were subjected to SDS PAGE followed by western blot with 84360-4-RR (CD2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 84360-4-RR (CD2 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 mouse thymus tissue slide using 84360-4-RR (CD2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).