

For Research Use Only

CD37 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84509-2-PBS



Basic Information

Catalog Number:

84509-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001774.3

GeneID (NCBI):

951

UNIPROT ID:

P11049-1

Full Name:

CD37 molecule

Calculated MW:

32kDa

Observed MW:

40-52 kDa

Purification Method:

Protein A purification

CloneNo.:

242011D6

Applications

Tested Applications:

WB, IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:

human

Background Information

CD37 is a membrane protein of the tetraspanin superfamily which are characterized by the presence of four conserved transmembrane regions. Many of these members are expressed on leukocytes and have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. CD37 plays a role in B-cell function, and may also play a role in T-cell-B-cell interactions (PMID: 10891477).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

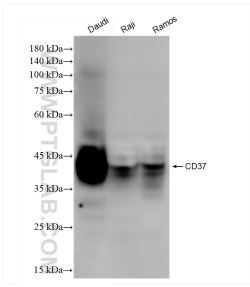
T: 4006900926

E: Proteintech-CN@ptglab.com

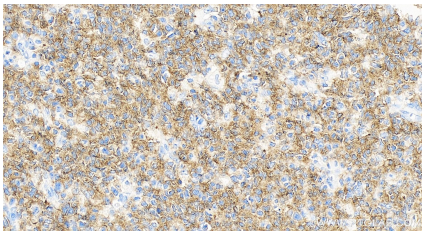
W: ptgcn.com

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

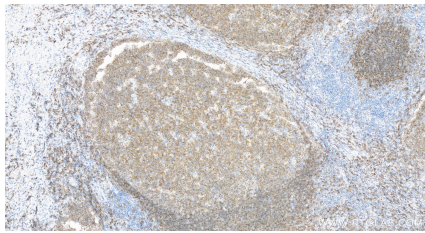
Selected Validation Data



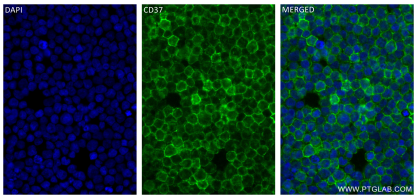
Various lysates were subjected to SDS PAGE followed by western blot with 84509-2-RR (CD37 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84509-2-PBS in a different storage buffer formulation.



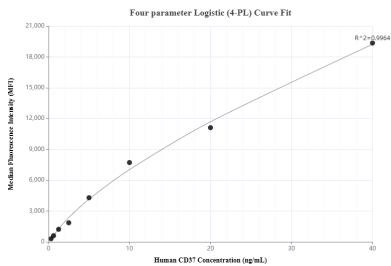
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84509-2-RR (CD37 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84509-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84509-2-RR (CD37 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84509-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Daudi cells using CD37 antibody (84509-2-RR, Clone: 242011D6) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84509-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01362-1, CD37 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84509-3-PBS. Detection antibody: 84509-2-PBS. Standard: Eg1764. Range: 0.313-40 ng/mL.