

For Research Use Only

CD20 Recombinant monoclonal antibody

Catalog Number: 86480-1-RR



Basic Information

Catalog Number:

86480-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002807

GeneID (NCBI):

931

UNIPROT ID:

P11836-1

Full Name:

membrane-spanning 4-domains, subfamily A, member 1

Calculated MW:

297 aa, 33 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

251207B3

Recommended Dilutions:

WB: 1:1000-1:4000

IF/ICC: 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Daudi cells, Raji cells, Ramos cells

IF/ICC : Raji cells,

Background Information

CD20 is a 33-37 kDa transmembrane phosphoprotein. CD20 is a B-lymphocyte surface molecule that is widely expressed during B-cell ontogeny, from early pre-B-cell developmental stages until final differentiation into plasma cells. CD20 functions as calcium-permeable cation channel. It is involved in the regulation of B-cell activation and proliferation. CD20 serves as a useful target for antibody-mediated therapeutic depletion of B-cells.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

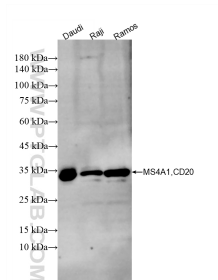
T: 4006900926

E: Proteintech-CN@ptglab.com

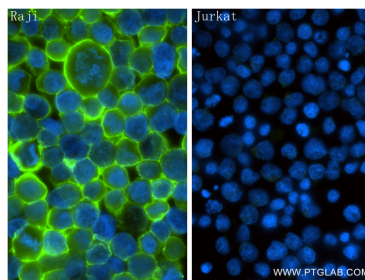
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86480-1-RR (MS4A1,CD20 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Raji / Jurkat cells using CD20 antibody (86480-1-RR, Clone: 251207B3) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).