

A21226

Leader in Biomolecular Solutions for Life Science



CD200 Rabbit mAb

Catalog No.: A21226

Recombinant

Basic Information

Observed MW

45-50kDa

Calculated MW

31kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC52751

Recommended Dilutions

WB 1:2000 - 1:4000

IHC-P 1:500 - 1:1000

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Contact



www.abclonal.com

Background

This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen Information

Gene ID

4345

Swiss Prot

P41217

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MRC; MOX1; MOX2; OX-2; CD200

Product Information

Source

Rabbit

Isotype

IgG

Purification

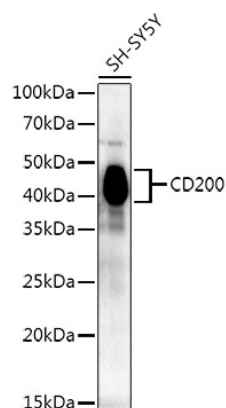
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from SH-SY5Y cells, using CD200 Rabbit mAb (A21226) at 1:4000 dilution.

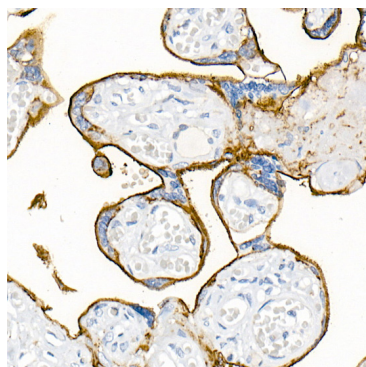
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

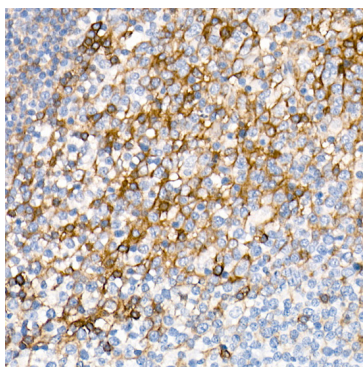
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using CD200 Rabbit mAb (A21226) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CD200 Rabbit mAb (A21226) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.