

CD177 Rabbit mAb

Catalog No.: A24263 **Recombinant**

Basic Information

Observed MW

40-65kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC62893

Background

This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified.

Recommended Dilutions

WB 1:1000 - 1:5000**IHC-P** 1:100 - 1:500

Immunogen Information

Gene ID

57126

Swiss Prot

Q8N6Q3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-407 of human CD177(NP_065139.2).

Synonyms

NB1; PRV1; HNA2A; PRV-1; HNA-2a; NB1 GP; CD177

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

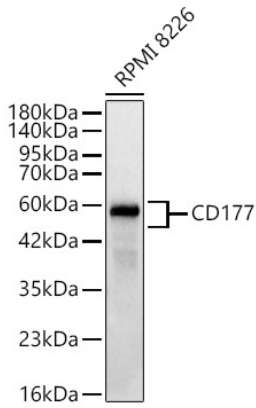
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from RPMI 8226 cells, using CD177 Rabbit mAb (A24263) at 1:1000 dilution.

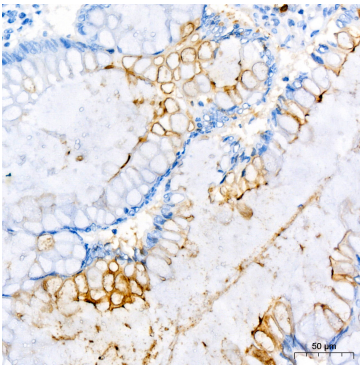
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

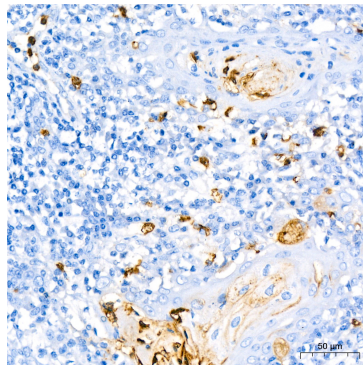
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of CD177 in paraffin-embedded human colon carcinoma using CD177 Rabbit mAb (A24263) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD177 in paraffin-embedded human tonsil using CD177 Rabbit mAb (A24263) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.