

# CD177 Rabbit pAb

Catalog No.: A6550

## Basic Information

### Observed MW

105kDa/45kDa

### Calculated MW

51kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## 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 1:500 - 1:1000

## Immunogen Information

### Gene ID

57126

### Swiss Prot

Q8N6Q3

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 35-285 of human CD177 (NP\_065139.2).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

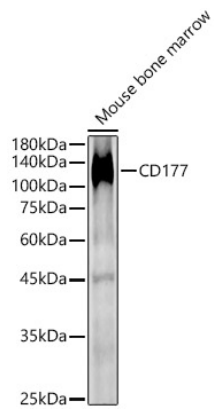
### Storage

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

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

## Validation Data

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Western blot analysis of lysates from Mouse bone marrow, using CD177 Rabbit pAb (A6550) at 1:800 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 Enhanced Kit (RM00021).

Exposure time: 180s.