

CD177

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 46kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CD177

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

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

Catalog #: A6550

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 57126

Isotype: IgG

Swiss Prot: Q8N6Q3

Purity: Affinity purification

For research use only.

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.

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