

CAB13597

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:**Calculated MW:**

15kDa/27kDa/46kDa

Applications:

IF

Reactivity:

Human

Protein 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.

Immunogen information

Gene ID:

57126

Uniprot

Q8N6Q3

Synonyms:

CD177; HNA-2a; HNA2A; NB1; NB1 GP; PRV-1; PRV1; NB1GP

Antibody Information

Recommended dilutions:

IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 35-285 of human CD177 (NP_065139.2).

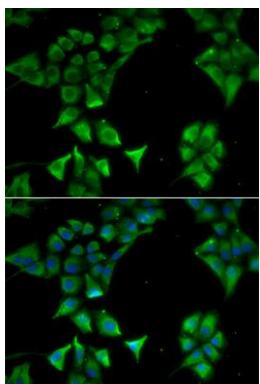
Storage:

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

Purification:

Affinity purification

Product Images



Immunofluorescence analysis of HeLa cells using CD177 antibody (CAB13597). Blue: DAPI for nuclear staining.