Product Datasheet

CD177 antibody

Catalog No: #39002

Package Size: #39002-1 50ul #39002-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CD177 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IHC;IF
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous level of total CD177 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	The antiserum was produced against synthesized peptide derived from the Internal region of human CD177.
Target Name	CD177
Other Names	NB1; PRV1; HNA2A; PRV-1; HNA-2a; NB1 GP;
Accession No.	Swiss-Prot#: Q8N6Q3NCBI Gene ID: 57126
Uniprot	Q8N6Q3
GeneID	57126;
SDS-PAGE MW	46kd
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C

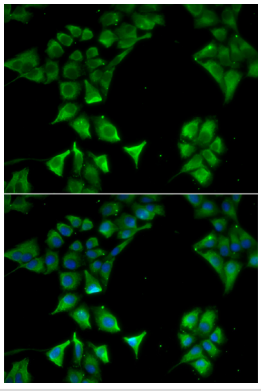
Application Details

WB 1:500 - 1:2000

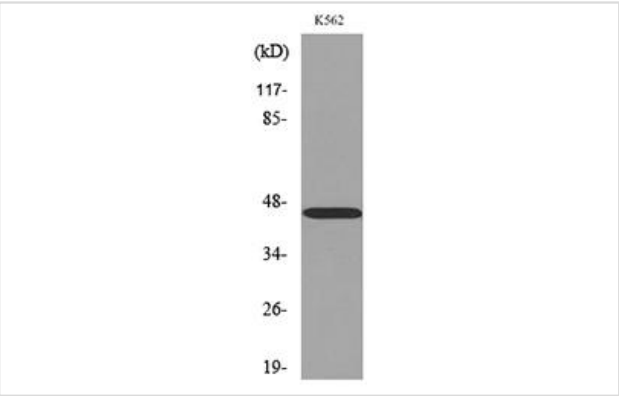
IHC: 1:100-300

IF 1:50-200

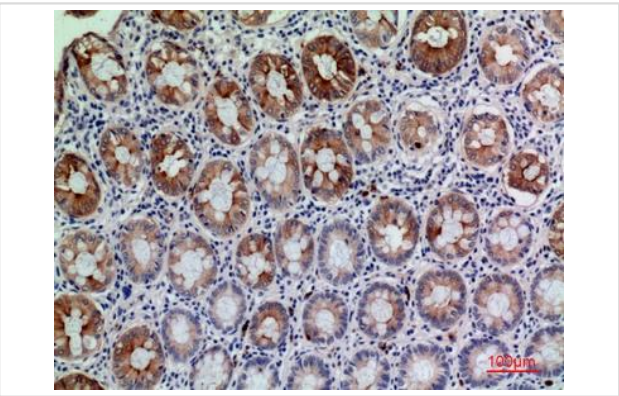
Images



Immunofluorescence analysis of HeLa cell using CD177 antibody. Blue: DAPI for nuclear staining.



Western blot analysis of lysate from K562 cells, using CD177 Antibody.



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100

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.

Note: This product is for in vitro research use only