

Rabbit anti-Human CD177 Polyclonal Antibody | anti-CD177 antibody

CD177 antibody

CATALOG # AAA307930	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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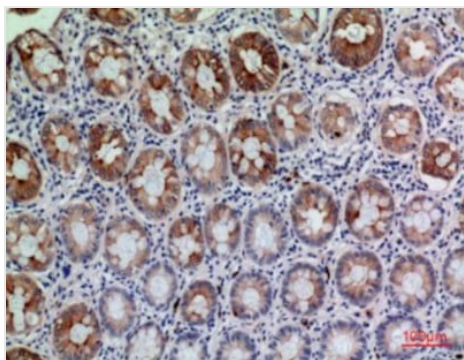
PRODUCT SYNONYMS

CD177; Polyclonal Antibody; CD177 antibody; NB1; PRV1; HNA2A; PRV-1; HNA-2a; NB1 GP; anti-CD177 antibody

PRODUCT SPECIFICATIONS

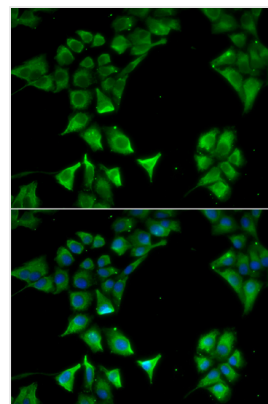
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CD177 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	437
Applicable Applications for anti-CD177 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CD177.
Target Name	CD177
Preparation and Storage	Store at -20 degree C

IMAGES



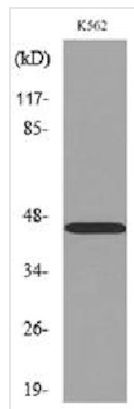
IHC (Immunohistochemistry)

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



IF (Immunofluorescence)

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



WB (Western Blot)
Western blot analysis of lysate from K562 cells, using CD177 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD177 antibody	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.
Product Categories/Family for anti-CD177 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110735433
NCBI GeneID	57126
NCBI Accession #	NP_065139.2
NCBI GenBank Nucleotide #	NM_020406.3
UniProt Accession #	Q8N6Q3; Q711Q2; Q8NCV9; Q96QH1; Q9HDA5
Molecular Weight	SDS-PAGE MW: 46kd
NCBI Official Full Name	CD177 antigen
NCBI Official Synonym Full Names	CD177 molecule
NCBI Official Symbol	CD177
NCBI Official Synonym Symbols	NB1; PRV1; HNA2A; PRV-1; HNA-2a; NB1 GP
NCBI Protein Information	CD177 antigen
UniProt Protein Name	CD177 antigen
UniProt Gene Name	CD177
UniProt Synonym Gene Names	NB1; PRV1; HNA-2a; NB1 GP; PRV-1
UniProt Entry Name	CD177_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.