

Mouse anti-Human CD177 Monoclonal Antibody | anti-CD177 antibody

Mouse Monoclonal [clone 4C4] (IgG2a,k) to Human CD177

CATALOG # AAA51883	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunoprecipitation, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CD177; Monoclonal Antibody; Mouse Monoclonal [clone 4C4] (IgG2a; k) to Human CD177; Anti-CD177 Antibody (clone 4C4) IHC-plus; CD177 molecule; CD177 antigen; Cell surface receptor; HNA-2a; HNA2A; NB1; PRV-1; Polycythemia rubra vera 1; PRV1; NB1 glycoprotein; NB1 GP; Human CD177; anti-CD177 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4C4
Specificity	Human CD177
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.2
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	437
Applicable Applications for anti-CD177 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	CD177 (AAH29167, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen	CD177 antibody was raised against cD177 (AAH29167, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



ELISA

Detection limit for recombinant GST tagged CD177 is approximately 3 ng/ml as a capture antibody.



IP (Immunoprecipitation)

Immunoprecipitation of CD177 transfected lysate using anti-CD177 monoclonal antibody and Protein A Magnetic Bead.

**WB (Western Blot)**

Western blot of CD177 expression in transfected 293T cell line by CD177 monoclonal antibody, clone 4C4.

**IHC (Immunohistochemistry)**

Anti-CD177 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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	15,683 Da
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; NB1 glycoprotein; cell surface receptor; human neutrophil alloantigen 2a; polycythemia rubra vera protein 1
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd177-antibody-clone-4c4-immunoprecipitation-western-blot-immunohistochemistry-elisa/51883>