

CD177 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01385
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD177. AA range:361-410
Mol wt	46363
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CD177 Antibody
Synonyms	CD177; NB1; PRV1; CD177 antigen; Human neutrophil alloantigen 2a; HNA-2a; NB1 glycoprotein; NB1 GP; Polycythemia rubra vera protein 1; PRV-1; CD177

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD177 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.

Recommended Dilution

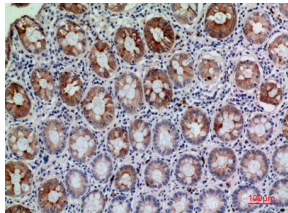
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

ELISA: 1: 20000

Not yet tested in other applications.

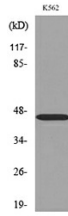
Images



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



Western Blot analysis of K562 cells using CD177 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



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

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com