

Datasheet for ABIN6138125
anti-CD177 antibody (AA 35-285)



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1 Image

Overview

Quantity:	100 µL
Target:	CD177
Binding Specificity:	AA 35-285
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD177 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 35-285 of human CD177 (NP_065139.2).
Sequence:	VSDLPRQWTP KNTSCDSGLG CQDTLMLIES GPQVSLVLSK GCTEAKDQEP RVTEHRMGPG LSLISYTFVC RQEDFCNNLV NSLPLWAPQP PADPGSLRCP VCLSMEGCLE GTTEEICPKG TTHCYDGLLR LRGGGIFSNL RVQGCMPPQV CNLLNGTQEI GPVGMTENC D MKDFLTCHRG TTIMTHGNLA QEPTDWTTSN TEMCEVGQVC QETLLLLLDVG LTSTLVGPKG CSTVGAQNSQ KTTIHSAPPG V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

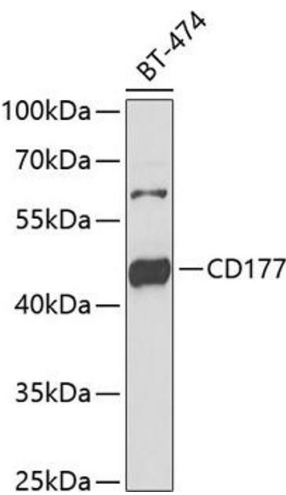
Target:	CD177
Alternative Name:	CD177 (CD177 Products)
Background:	This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. 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.,CD177,HNA-2a,HNA2A,NB1,NB1 GP,PRV-1,PRV1,NB1GP,Immunology & Inflammation,CD markers,CD177
Molecular Weight:	15 kDa/27 kDa/46 kDa
Gene ID:	57126
UniProt:	Q8N6Q3

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of BT-474 cells, using CD177 antibody (ABIN6131282, ABIN6138125, ABIN6138127 and ABIN6222217) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.