

CD177 Rabbit pAb

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Catalog # AP52030

Product Information

Application	WB
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat CD177
Epitope Specificity	521-650/818
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Lipid-anchor, GPI-anchor.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Apr 2014]

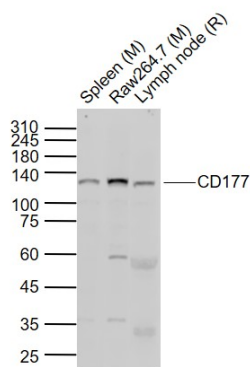
Additional Information

Other Names	NB1 GP;PRV-1;HNA-2a;NB1 glycoprotein;Neutrophil Glycoprotein NB1; RGD1562941; CD177 antigen; Polycythemia rubra vera protein 1; PRV-1; NB1 glycoprotein; NB1 GP; Human neutrophil alloantigen 2a; HNA-2a; CD177; CD177_HUMAN; CD177_MOUSE.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Sample:

Lane 1: Spleen (Mouse) Lysate at 40 ug

Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 ug

Lane 3: Lymph node (Rat) Lysate at 40 ug

Primary: Anti-CD177 (AP52030) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 90-120 kD

Observed band size: 130 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.