SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CD177 antibody

Catalog Number: SL1482R

FOR RESEARCH USE ONLY

[DATASHEET]

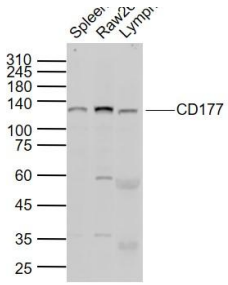
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CD177
Immunogen:	KLH conjugated synthetic peptide derived from rat CD177: 521-650/818
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat
Predicted MW.:	90kDa
Subcellular Location:	The cell membrane
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. [provided by RefSeq, Apr 2014] **Subcellular Location:** Cell membrane; Lipid-anchor, GPI-anchor. **Tissue Specificity:** Highly expressed in normal bone marrow and weakly expressed in fetal liver. Expressed on neutrophils. Expressed in granulocytes of patients with polycythemia vera (PV) and with essential thrombocythemia (ET). **Similarity:** Contains 2 UPAR/Ly6 domains.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 57126 Human **Entrez Gene:** 499099 Rat Omim: 162860 Human **SwissProt:** Q8N6Q3 Human **Unigene:** 232165 Human

[VALIDATION 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 (SL1482R) 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

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