

Anti-CD177 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat
Molecular Weight:	Theoretical: 90 kDa. Actual: 130 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Spleen (Mouse) Lysate at 40 µg
	Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 µg
	Lane 3: Lymph node (Rat) Lysate at 40 µg
	Primary: Anti-CD177 (TMAB-03883) 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
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: rat CD177
Antigen Species:	Rat
Gene ID:	499099

Research 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]

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