

Anti-CD162 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 41 kDa. Actual: 61 kDa.
Purification:	Protein A purified

Applications

Sample:	Raw264.7 (Mouse) Cell Lysate at 30 µg Lymph node (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-CD162 (TMAB-03864) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 61 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: mouse PSGL-1/CD162
Antigen Species:	Mouse
Gene ID:	6404
Uniprot ID:	Q62170

Research Background

This gene encodes a glycoprotein that functions as a high affinity counter-receptor for the cell adhesion molecules P-, E- and L- selectin expressed on myeloid cells and stimulated T lymphocytes. As such, this protein plays a critical role in leukocyte trafficking during inflammation by tethering of leukocytes to activated platelets or endothelia expressing selectins. This protein requires two post-translational modifications, tyrosine sulfation and the addition of the sialyl Lewis x tetrasaccharide (sLex) to its O-linked glycans, for its high-affinity binding activity. Aberrant expression of this gene and polymorphisms in this gene are associated with defects in the innate and adaptive immune response. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Apr 2011].

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