

## Anti-SLAMF6/LY108 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 37 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: Lymph node (Mouse) Lysate at 40 µg Primary: Anti-LY108 (TMAB-12830) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 48 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 SLAMF6
Antigen Species:	Mouse
Gene ID:	30925
Uniprot ID:	Q9ET39

## Research Background

SLAMF6 is a type I transmembrane protein, belonging to the CD2 subfamily of the immunoglobulin superfamily. SLAMF6 is expressed on Natural killer (NK), T, and B lymphocytes. It undergoes tyrosine phosphorylation and associates with the Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases (SHPs). It may function as a coreceptor in the process of NK cell activation. It can also mediate inhibitory signals in NK cells from X-linked lymphoproliferative patients. It may play a role in the regulation of autoimmune diseases.

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