

## Anti-SLAMF9 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 30 kDa. Actual: 35 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. Sample: A549 (Human) Cell Lysate at 40 µg BV2 (mouse) Cell Lysate at 40 µg Primary: Anti-SLAMF9 (TMAB-12831) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 35 kD</p> <p>2. Blank control: (mo) Splenocytes (blue) Isotype Control Antibody: Rabbit IgG-FITC (orange); Primary Antibody Dilution: 1 µl in 100 µL 1X PBS containing 0.5% BSA (green).</p> <p>3. Blank control (black line): Raji (black) (The cells were fixed with 2% paraformaldehyde (10 min), then permeabilized with PBST for 30 min on room temperature) Primary Antibody (red line): Rabbit Anti-SLAMF9 antibody (TMAB-12831); Dilution: 1 µg / 10<sup>6</sup> cells; Isotype Control Antibody (green line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC; Dilution: 1 µg / test.</p>
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1µg/Test

## 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: human SLAMF9
Antigen Species:	Human
Gene ID:	89886
Uniprot ID:	Q96A28

## Research Background

This gene encodes a member of the signaling lymphocytic activation molecule family. May play a role in the immune response. The encoded protein is a cell surface molecule that consists of two extracellular immunoglobulin domains, a transmembrane domain and a short cytoplasmic tail that lacks the signal transduction motifs found in other family

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members. Alternative splicing results in multiple transcript variants. Expression is predominantly restricted in hematopoietic tissues. Expressed in heart, spleen, liver, intestine, muscle and testis. Expressed in immune cells, including monocytes, dendritic, B- and T-cells. No expression was seen in peripheral blood leukocytes. Expressed in the leukocyte cell line THP1-macrophage.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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