

Anti-SLAMF6 Antibody (4Z355)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4Z355
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human SLAMF6(CD352) expression on human whole blood lymphocytes. Cells were stained with purified anti-Human SLAMF6(CD352), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
Application:	FCM
Recommended	FCM: 1:25-1:100

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. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Ly108/SLAMF6 Protein (TMPY-01914)
Antigen Species:	Human
Synonyms:	NTB-A;SLAM family member 6;KALI;NTBA;SF2000;KAL1b;CD352;Ly108
Biology Area:	ITIM/ITAM Immunoreceptors and Related Molecules

Research Background

SLAM family member 6, also known as Activating NK receptor, NK-T-B-antigen, NTB-A, SLAMF6, KALI and Ly18, is a single-pass type I membrane protein that belongs to the CD2 subfamily of the immunoglobulin superfamily. SLAMF6 / Ly18 contains one Ig-like (immunoglobulin-like) domain. It is expressed by all (resting and activated) natural killer cells (NK), T- and B-lymphocytes. SLAMF6 / Ly18 triggers cytolytic activity only in natural killer cells (NK) expressing high surface densities of natural cytotoxicity receptors. SLAMF6 / Ly18 is a homodimer. It interacts with PTN6 and, upon phosphorylation, with PTN11 and SH2D1A/SAP. SLAMF6 / Ly18 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. SLAMF6 / Ly18 can also mediate inhibitory signals in NK cells from X-linked lymphoproliferative patients.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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