

Anti-SLAMF6 Antibody-PE (4Z355)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	PE
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 PE-conjugated anti-Human SLAMF6(CD352). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Ly108/SLAMF6 Protein (TMPY-01914)
Antigen Species:	Human
Synonyms:	Ly108;KAL1b;CD352;KALI;SLAM family member 6;NTBA;NTB-A;SF2000
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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