

Anti-SLAMF6 Antibody (2C420)

Product Details

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| Ig Type: | Rabbit IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Clone: | 2C420 |
| Purification: | Protein A |

Applications

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| 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

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| 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

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