Recombinant Ly108/SLAMF6 Monoclonal Antibody

catalog number: AN300500P

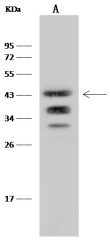
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse Ly108/SLAMF6 Protein
Host	Rabbit
Isotype	IgG
Clone	8C4
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot with SLAMF6 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Mouse heart tissue lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:44 kDa

Calculated-MW:39 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.

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