



Rabbit Anti-Human SLAMF6 monoclonal antibody, clone S221 (CABT-ZB908)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human SLAMF6 It has no cross-reactivity in ELISA with Human SLAMF7.
Target	SLAMF6
Immunogen	Recombinant Human Ly108/SLAMF6 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S221
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB545 - CABT-ZB908 This antibody will detect SLAMF6 in antibody pair set. [ABPR-ZB121]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Ly108 / SLAMF6.
Format	Purified, Liquid
Concentration	Lot specific

Size	50 µL, 100 µL, 1 mL
Buffer	PBS
Preservative	None
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.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	SLAMF6; SLAM family member 6; KALI; NTBA

GENE INFORMATION

Synonyms	SLAMF6; SLAM family member 6; KALI; NTBA; CD352; KAL1b; Ly108; NTB-A; SF2000; NTBA receptor; NK-T-B-antigen; activating NK receptor; natural killer-, T- and B-cell antigen
Entrez Gene ID	114836
UniProt ID	Q96DU3