



Rabbit Anti-Human SLAM/CD150 monoclonal antibody, clone S221 (CABT-ZB520)

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

PRODUCT INFORMATION

Specificity	It reacts with Human SLAM/CD150
Target	SLAMF1
Immunogen	Recombinant Human CD150/SLAM/SLAMF1 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S221
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB520 - CABT-ZB890 This antibody will detect SLAM/CD150 in antibody pair set. [ABPR-ZB096]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD150 / SLAM / SLAMF1.
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	CD150/signaling lymphocytic activation molecule (SLAM) is a cell surface sialylated phosphoglycoprotein and belongs to the CD2 subset of the Ig superfamily of type I transmembrane glycoproteins. The CD150 receptor is expressed on thymocytes, activated and memory T cells, B cells, platelets, natural killer T cells, and mature dendritic cells, and is also detected on tumor cells of Hodgkin's lymphoma (HL) and diffuse large B-cell lymphoma with an activated B cell phenotype. Additionally, it is the immune cell receptor for measles virus (MV). As a self-ligand, CD150 performs diverse immunologic functions including T/B-cell costimulation, induction of interferon γ (IFN- γ) in Th1 T-cell clones, redirection of Th2 clones to a Th1 or Th0 phenotype, and inhibition of apoptosis in B cells. Furthermore, CD150 was shown to be the second receptor for measles virus in addition to CD46, and the distribution of SLAM on various cell lines is consistent with their susceptibility to clinical isolates of measles virus.
Keywords	SLAMF1; signaling lymphocytic activation molecule family member 1; Slam; CD150

GENE INFORMATION

Synonyms	SLAMF1; signaling lymphocytic activation molecule family member 1; Slam; CD150; IPO-3; CDw150; ESTM51; AA177906; 4933415F16; signaling lymphocytic activation molecule; signaling lymphocyte activation molecule
Entrez Gene ID	6504
UniProt ID	Q13291