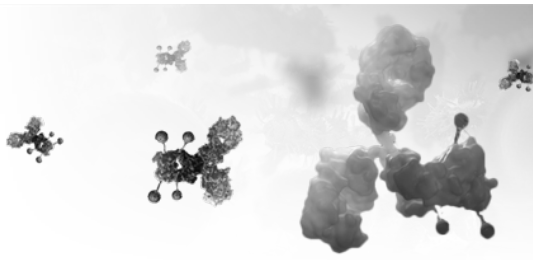

# Mouse Anti-Human SLAM/CD150 monoclonal antibody, clone NN13 (CABT-ZB890)

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

## PRODUCT INFORMATION

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|---|---|
| **Specificity** | It reacts with Human SLAM/CD150 |
| **Target** | SLAMF1 |
| **Immunogen** | Recombinant Human CD150/SLAM/SLAMF1 Protein |
| **Isotype** | IgG |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | NN13 |
| **Purification** | Protein A purified |
| **Conjugate** | Unconjugated |
| **Applications** | ELISA(det)<br>We recommend the following for sandwich ELISA (Capture - Detection):<br>CABT-ZB520 - CABT-ZB890<br>This antibody will detect SLAM/CD150 in antibody pair set. [ABPR-ZB096] |
| **Preparation** | This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD150 / SLAM / SLAMF1. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography. |
| **Format** | Purified, Liquid |
| **Concentration** | Lot specific |

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| | |
|---|---|
| **Size** | 50 µL, 100 µL, 200 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

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| **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

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|---|---|
| **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 |

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