

Anti-SLAM/CD150 Antibody (2Q489)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2Q489
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human SLAMF1 in human tonsil with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human SLAMF1 in human lymph node with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).
	3. Immunochemical staining of human SLAMF1 in human appendix with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).
Application:	ELISA,IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:1000-1:4000

Properties

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

Immunogen:	Recombinant Protein: Human CD150 protein (TMPY-01016)
Antigen Species:	Human
Synonyms:	signaling lymphocytic activation molecule family member 1
Biology Area:	ITIM/ITAM Immunoreceptors and Related Molecules

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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