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Product datasheet for TA320462

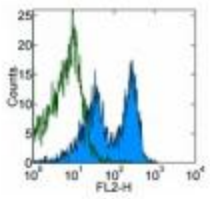
Slamf1 Rat Monoclonal Antibody [Clone ID: 9D1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9D1
Applications:	FC
Recommended Dilution:	Flow, Functional Assay
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	signaling lymphocytic activation molecule family member 1
Database Link:	NP_038758 Entrez Gene 27218 Mouse Q9QUM4
Background:	The 9D1 monoclonal antibody reacts with mouse CD150, an ~70 kDa transmembrane glycoprotein also known as Signaling Lymphocyte Activation Molecule (SLAM). CD150 is expressed by T (especially TH1) and B cells and its expression is rapidly upregulated on these cells upon activation. Immature thymocytes and dendritic cells also express this antigen. Signaling through SLAM in T cells induces proliferation and augmentation of the interferon-gamma response. Furthermore, SLAM is thought to play a role in adhesion between the T cell and antigen-presenting cell. 9D1 is reported to be an activating antibody.Mouse hematopoietic stem cells (HSC) can be identified using SLAM family markers, such as CD150+CD244-CD48-. For this application we recommend the use of antibody clone mShad150 (cat. 12-1502).
Synonyms:	CD150; CDw150; IPO-3; SLAM

View online »

Product images:



Staining of C57BL/6 splenocytes with 0.5 ug of Rat IgG1 kappa Isotype Control Purified (open histogram) or 0.5 ug of Anti-Mouse CD150 Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Cells in the lymphocyte gate were used for analysis.