

30-1034: Anti-CD150 Monoclonal Antibody (Clone:SLAM.4)-Azide free

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| Clonality : | Monoclonal |
| Clone Name : | SLAM.4 |
| Application : | FACS |
| Reactivity : | Human |
| Gene : | SLAMF1 |
| Gene ID : | 6504 |
| Uniprot ID : | Q13291 |
| Alternative Name : | CDw150, IPO-3, SLAM family member 1, SLAMF1, SLAM |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Human CD150-transfected 300.19 cells |

Description

CD150, also known as SLAM (signaling lymphocyte activation molecule) is a 70-95 kDa single chain transmembrane phosphoglycoprotein of the CD2 family. Its extracellular part contains eight potential N-glycosylation sites, and the intracellular tail contains three unique tyrosine-based motifs. These binding sites can be recognized by SH2-binding phosphatases and the adaptor proteins, such as SAP/SH2D1A or EAT-2. The SLAM family receptors are involved in leucocyte activation and contribute to the effective germinal center formation, generation of high-affinity antibody-secreting plasma cells, and memory T and B cells, thereby facilitating long-term immune response. CD150 expression is upregulated after cell activation.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml.