

# Anti-SLAM / CD150 antibody [IPO-3] ab2604

## 6 References

### 概述

产品名称	Anti-SLAM / CD150抗体[IPO-3]
描述	小鼠单克隆抗体[IPO-3] to SLAM / CD150
宿主	Mouse
特异性	This antibody is specific for SLAM.
经测试应用	适用于: ELISA, IHC-Fr, IP, Flow Cyt, ICC/IF
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to SLAM/ CD150. Activated B cell line
表位	The exact epitope recognised by this antibody has not been mapped.
常规说明	

A novel glycoprotein of 70kDa, designated SLAM (Signaling Lymphocyte Activation Molecule) / CDw150, that belongs to the immunoglobulin gene superfamily and is involved in T-cell stimulation. SLAM is constitutively expressed on peripheral blood memory T cells, T-cell clones, immature thymocytes, and a proportion of B cells, and is rapidly induced on naive T cells after activation. Activated B cells express the membrane-bound form of SLAM and the soluble and cytoplasmic isoforms of SLAM, and that the expression levels of membrane-bound SLAM on B cells are rapidly regulated after activation in vitro. It is suggested that signaling through homophilic SLAM-SLAM binding during B-B and B-T cell interactions enhances the expansion and differentiation of activated B cells.

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### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide
纯度	Protein A purified
Primary antibody说明	A novel glycoprotein of 70kDa, designated SLAM (Signaling Lymphocyte Activation Molecule) / CDw150, that belongs to the immunoglobulin gene superfamily and is involved in T-cell stimulation. SLAM is constitutively expressed on peripheral blood memory T cells, T-cell clones, immature thymocytes, and a proportion of B cells, and is rapidly induced on naive T cells after activation. Activated B cells express the membrane-bound form of SLAM and the soluble and cytoplasmic isoforms of SLAM, and that the expression levels of membrane-bound SLAM on B cells are rapidly regulated after activation in vitro. It is suggested that signaling through homophilic SLAM-SLAM binding during B-B and B-T cell interactions enhances the expansion and differentiation of activated B cells.
克隆	单克隆
克隆编号	IPO-3
骨髓瘤	unknown
同种型	IgG1
轻链类型	unknown

应用

The Abpromise guarantee      Abpromise™承诺保证使用ab2604于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		Use at an assay dependent concentration. PubMed: 21379338

靶标

功能	High-affinity self-ligand important in bidirectional T-cell to B-cell stimulation. SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates.
组织特异性	Constitutively expressed on peripheral blood memory T-cells, T-cell clones, immature thymocytes and a proportion of B-cells, and is rapidly induced on naive T-cells after activation.

序列相似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
结构域	The most membrane-proximal SH2-binding motif interacts with SH2 domain of SH2D1A and does not need to be phosphorylated on tyrosine residues.
翻译后修饰	Phosphorylated by FYN.
细胞定位	Cell membrane. Present on the surface of B-cells and T-cells.

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