

## SLAP2 抗体

产品货号： mlR13660

英文名称： SLAP2

中文名称： SLAP2 抗体

别名： A930009E21Rik; AI430952; C20orf156; FLJ21992; MARS; MGC49845; Modulator of antigen receptor signaling; RGD1562071; SLA 2; SLA2; SLAP 2; SLAP-2; SLAP2; SLAP2\_HUMAN; Src like adapter protein 2; Src like adaptor 2; Src-like adapter protein 2; Src-like-adaptor 2.

研究领域： 细胞生物 信号转导 细胞膜受体 淋巴细胞 t-淋巴细胞 细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

（石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 29kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human SLAP2:101-200/261

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : SLA2 is a 261 amino acid protein that exists as four alternatively spliced isoforms which localize to either the cytoplasm or to the cell membrane and contain one SH2 domain and one SH3 domain. Expressed predominately in tissues of the immune system, including thymus, spleen and lymph nodes, SLA2 functions as an adaptor protein that negatively regulates T-cell receptor (TCR) signaling and may inhibit T-cell activation. SLA2 interacts with Zap-70 and is subject to post-translational phosphorylation. The gene encoding SLA2 maps to human chromosome 20. Comprising approximately 2% of the human genome, chromosome 20 contains nearly 63 million bases that encode over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome.

#### Function:

Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. May act by linking signaling proteins such as ZAP70 with CBL, leading to a CBL dependent degradation of signaling proteins.

#### Subunit:

Interacts (via SH2 domain) with ZAP70 (phosphorylated) and CD3Z (phosphorylated). Interacts (via SH2 domain) with CSF1R (phosphorylated) (By similarity). Interacts (via its C-terminal domain) with CBL (phosphorylated).

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Predominantly expressed in immune system, with highest levels in peripheral blood leukocytes. Expressed in spleen, thymus and lymph nodes. Expressed in T-cells as well as in monocytes, and at low level in B-cells. Also detected in placenta, prostate, skin, retina and colon.

**Post-translational modifications:**

Phosphorylated by CSF1R (By similarity).

**Similarity:**

Contains 1 SH2 domain.

Contains 1 SH3 domain.

**SWISS:**

Q9H6Q3

**Gene ID:**

84174

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

