

## 粘附分子 JAML 蛋白抗体

产品货号： mIR17198

英文名称： JAML

中文名称： 粘附分子 JAML 蛋白抗体

别名： adhesion molecule AMICA; Adhesion molecule interacting with CXADR antigen 1; adhesion molecule interacts with CXADR antigen 1; adhesion molecule that interacts with CXADR antigen 1; AMICA; Amica1; CREA7-1; CREA7-4; Dendritic cell-specific protein CREA7-1; dendritic-cell specific protein CREA7-1; dendritic-cell specific protein CREA7-4; FLJ37080; Gm638; JAML1\_HUMAN; junctional adhesion molecule; Junctional adhesion molecule-like; Junctional adhesion molecule-like precursor; MGC118814; MGC118815; UNQ722/PRO1387.

研究领域： 细胞生物 信号转导 细胞粘附分子 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

**产品应用：** 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：** 43kDa

**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 JAML:151-250/394 <Extracellular>

**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 :** JAML is a 394 amino acid single-pass type I membrane protein and novel adhesion molecule with localization at the cell plasma membrane in regions of cell-to-cell contact but not free cell borders, implying that JAML participates in homophilic interactions. JAML belongs to the immunoglobulin superfamily and is expressed in peripheral blood leukocytes, bone marrow, spleen, lymph nodes and fetal thymus, liver and spleen. JAML assists in the migration of leukocytes through endothelial and epithelial tissues, mediates binding with CAR (coxsackie and adenovirus receptor) via its Ig-like V-type domain 2, and strengthens the binding of leukocytes to endothelial cells. Consisting of a transmembrane segment, cytoplasmic tail, 19-amino acid signal peptide and two extracellular immunoglobulin-like domains, JAML also undergoes alternative splicing resulting in three isoforms and is encoded by a gene mapping to human chromosome 11q23.3.

**Function:**

May function in transmigration of leukocytes through epithelial and endothelial tissues. Expressed at the plasma membrane of polymorphonuclear leukocytes, it mediates adhesive interactions with CXADR, a protein of the junctional complex of epithelial cells. Enhances myeloid leukemia cell adhesion to endothelial cells.

**Subcellular Location:**

Cell junction. Cell membrane. Localized at the plasma membrane in areas of cell-cell contacts and at the cell surface of PMN.

**Tissue Specificity:**

Expression is restricted to the hematopoietic tissues with the exception of liver. Expressed in fetal liver, spleen and thymus.

**Similarity:**

Belongs to the immunoglobulin superfamily.

Contains 2 Ig-like V-type (immunoglobulin-like) domains.

**SWISS:**

Q86YT9

**Gene ID:**

120425

**Important Note:**

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