连接粘附分子 1 抗体

产品货号： mlR3651

英文名称： JAM1

中文名称： 连接粘附分子 1 抗体

别　　名： CD 321; CD321; CD321; CD321 antigen; ESTM33; F11 receptor; F11R; JAM 1; JAM A; JAM; JAM-1; JAM-A; JAM1; JAM1_HUMAN; JAMA; JCAM; Jcam1; Junction adhesion molecule 1; Junction adhesion molecule , mouse, homolog of; Junctional adhesion molecule 1; Junctional adhesion molecule A; KAT; Ly106; PAM 1; PAM-1; PAM1; Platelet adhesion molecule 1; Platelet adhesion molecule; Platelet F11 receptor; PRO301; UNQ264; UNQ264/PRO301.

研究领域： 心血管　免疫学　信号转导　激酶和磷酸酶　细胞粘附分子　细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat, Dog, Pig, Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 30kDa

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 Junctional Adhesion Molecule 1:51-150/299 <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： Junctional Adhesion Molecule 1 (JAM1) seems to play a role in epithelial tight junction formation. It appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly. JAM1 plays a role in regulating monocyte transmigration involved in integrity of the epithelial barrier. JAM1 is also involved in platelet activation.

Function:

Seems to plays a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier. Involved in platelet activation. In case of orthoreovirus infection, serves as receptor for the virus.

Subunit:

Interacts with the ninth PDZ domain of MPDZ. Interacts with the first PDZ domain of PARD3. The association between PARD3 and PARD6B probably disrupts this interaction. Interacts with the orthoreovirus sigma-1 capsid protein (By similarity).

Subcellular Location:

Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein.

Post-translational modifications:

N-glycosylated.

Similarity:

Belongs to the immunoglobulin superfamily.

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

SWISS:

Q9Y624

Gene ID:

50848

Important Note:

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