


Anti-JAM-C antibody [19 H36] ab16889

概述

产品名称	Anti-JAM-C抗体[19 H36]
描述	大鼠单克隆抗体[19 H36] to JAM-C
宿主	Rat
经测试应用	适用于: IHC-Fr, IP, Flow Cyt 不适用于: IHC-P or WB
种属反应性	与反应: Mouse 预测可用于: Human 
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	High endothelial venules of lymphoid organs, lymphoendothelial cells and endothelial cells of the kidney
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
纯度	Protein G purified
克隆	单克隆
克隆编号	19 H36
同种型	IgG2a

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab16889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
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab18450 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

应用说明

Is unsuitable for IHC-P or WB.

靶标

功能

Participates in cell-cell adhesion. It is a counterreceptor for ITGAM, mediating leukocyte-platelet interactions and is involved in the regulation of transepithelial migration of polymorphonuclear neutrophils (PMN). The soluble form is a mediator of angiogenesis.

组织特异性

Highest expression in placenta, brain and kidney. Significant expression is detected on platelets. Expressed in intestinal mucosa cells. Expressed in the vascular endothelium. Found in serum (at protein level). Also detected in the synovial fluid of patients with rheumatoid arthritis, psoriatic arthritis or osteoarthritis (at protein level).

疾病相关

Defects in JAM3 are the cause of hemorrhagic destruction of the brain with subependymal calcification and cataracts (HDBSCC) [MIM:613730]. A syndrome characterized by congenital cataracts and severe brain abnormalities apparently resulting from hemorrhagic destruction of the brain tissue, including the cerebral white matter and basal ganglia. Patients manifest profound developmental delay, and other neurologic features included seizures, spasticity, and hyperreflexia. Brain imaging shows multifocal intraparenchymal hemorrhage with associated liquefaction and massive cystic degeneration, and calcification in the subependymal region and in brain tissue.

序列相似性

Belongs to the immunoglobulin superfamily.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

翻译后修饰

Proteolytically cleaved from endothelial cells surface into a soluble form by ADAM10 and ADAM17; the release of soluble JAM3 is increased by proinflammatory factors.

细胞定位

Cell membrane. Cell junction > desmosome. Secreted > extracellular space. In epithelial cells, it is expressed at desmosomes but not at tight junctions. Localizes at the cell surface of endothelial cells; treatment of endothelial cells with vascular endothelial growth factor stimulates recruitment of JAM3 to cell-cell contacts.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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