

Product datasheet

Anti-Junctional Adhesion Molecule C antibody [MM0426-4M35] ab89665

製品の概要

製品名	Anti-Junctional Adhesion Molecule C antibody [MM0426-4M35]
製品の詳細	Mouse monoclonal [MM0426-4M35] to Junctional Adhesion Molecule C
由来種	Mouse
アプリケーション	適用あり: WB, Neutralising
種交差性	交差種: Human
免疫原	Recombinant full length Human Junctional Adhesion Molecule C protein.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS
精製度	Protein G purified
特記事項 (精製)	The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and 0.2 µm filtered.
ポリ/モノ	モノクローナル
クローン名	MM0426-4M35
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab89665** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 35 kDa.

アプリケーション	Abreviews	特記事項
Neutralising		Use at an assay dependent dilution.

ターゲット情報

機能	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.
組織特異性	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).
関連疾患	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.
配列類似性	Belongs to the immunoglobulin superfamily. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻訳後修飾	Proteolytically cleaved from endothelial cells surface into a soluble form by ADAM10 and ADAM17; the release of soluble JAM3 is increased by proinflammatory factors.
細胞内局在	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.

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