

Human JAM-A,F11R ELISA Kit

Catalog No: #EK5618

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Human JAM-A,F11R ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	E.coli,S28-V238
Other Names	Junctional adhesion molecule A; JAM-A; Junctional adhesion molecule 1; JAM-1; Platelet F11 receptor; Platelet adhesion molecule 1; PAM-1; CD321; F11R; JAM1, JCAM; UNQ264,PRO301;
Accession No.	Q9Y624
Uniprot	Q9Y624
GeneID	50848;
Cell Localization	Cell junction, tight junction. Cell membrane; Localized at tight junctionsof both epithelial and endothelial cells.

Application Details

sensitivity:10pg mlDetect Range:46.9pg ml-3000pg ml
sample_type:cell culture supernates and serum.capture_antibody:monoclonal antibody from
mousedetection_antibody:polyclonal antibody from goatgene_name:F11Rprotein_name:Junctional adhesion molecule A
gene_full_name:Junctional adhesion molecule A
tissue_specificity:sequence_similarities:Belongs to the immunoglobulin superfamily.
tmb_incubation:25-30minresearch_category:cardiovascular|blood|platelets|signal transduction|cytoskeleton / ecm|cell adhesion|tight
junctions|atherosclerosis|vascular inflammation|leukocyte recruitment|cell junction molecules

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human JAM-A

Background

protein_function: Seems to play a role in epithelial tight junctionformation. Appears early in primordial forms of cell junctions andrecruits PARD3. The association of the PARD6-PARD3 complex mayprevent the interaction of PARD3 with JAM1, thereby preventingtight junction assembly (By similarity). Plays a role inregulating monocyte transmigration involved in integrity ofepithelial barrier. Involved in platelet activation. In case oforthoreovirus infection, serves as receptor for the virus..Junctional adhesion molecule A(JAM-A) is a protein that in humans is encoded by the F11R gene. It is mapped to 1q23.3. This gene is an immunoglobulin-like molecule that colocalizes with tight junctions in endothelium and epithelium and is also found on blood leukocytes and platelets. JAM-A plays an important role in the regulation of tight junction assembly in epithelia. In addition, it can act as a receptor for reovirus, a ligand for the integrin LFA1, involved in leukocyte transmigration, and a platelet receptor. JAM-A has a nonredundant role in controlling DC motility, trafficking to lymph nodes, and activation of specific immunity.

Note: This product is for in vitro research use only