Datasheet for ABIN1106263

anti-F11R antibody

2 Images

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Overview

Quantity:	0.1 mg
Target:	F11R
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This F11R antibody is un-conjugated
Application:	Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Clone:	27-09-14
Isotype:	IgG2a
Purification:	This antibody was purified from hybridoma (clone 27-9) supernatant using protein G agarose. This hybridoma was established by fusion of mouse myeloma cell P3X with Wister rat lymphocyte immunized with E14.5 mouse fetal liver cells.

Target Details

Target:	F11R
Alternative Name:	CD321 / JAM1 (F11R Products)
Background:	Junctional adhesion molecules (JAMs) are member of the immunoglobulin superfamily. JAMs play an important role in many cellular processes such as tight junction assembly, leukocyte transmigration, platelet activation, angiogenesis and virus binding. JAM-A is a 37 kDa protein

Target Details

	also called JAM-1 or F11R. JAM-A is expressed on endothelial cells, epithelial cells, and also hematopoietic cells such as neutrophils, platelets, monocytes, lymphocyte and erythrocyte. Extracellular domain of JAM-A participates in homophilic interaction stabilizing endothelial or epithelial cell-cell junctions particularly around tight junctions. In addition, JAM-A is important in leukocyte transmigration. Not only homophilic JAM-A interactions between leukocytes and the endothelium but also heterophilic interactions of JAM-A with the β2-integrin leukocyte function-associated antigen-1 (LFA-1) are considered to mediate leukocyte transmigration.Synonyms: F11R, JAM-A, JCAM, Junctional adhesion molecule 1, Junctional adhesion molecule A, PAM1, Platelet F11 receptor, Platelet adhesion molecule 1
Pathways:	Cell-Cell Junction Organization

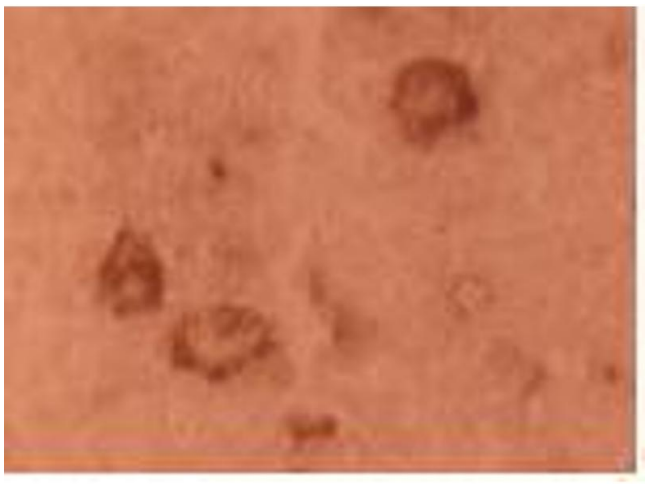
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

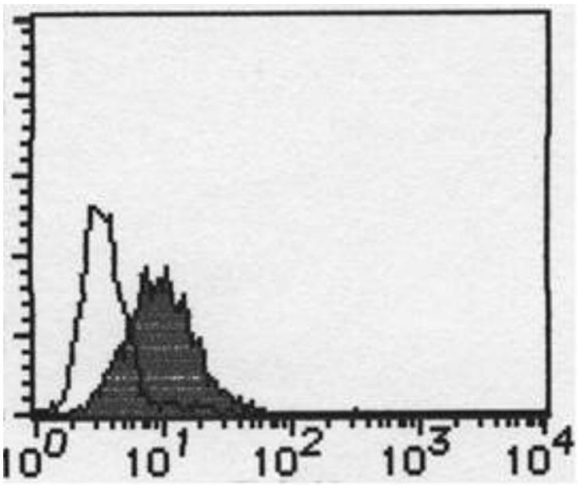
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2 containing no preservative
Preservative:	Without preservative

Images



Immunohistochemistry

Image 1.



Flow Cytometry

Image 2.