



Anti-F11R polyclonal antibody (DPABY-302)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Members of the junctional adhesion molecule (JAM) family are type I transmembrane glycoproteins of the immunoglobulin (Ig) superfamily that are localized in the tight junctions between endothelial or epithelial cells and appear to be involved in leukocyte transmigration. JAM-A, also known as platelet adhesion molecule 1 (PAM-1) and platelet F11 receptor, contains two V-type Ig-like domains, forms homodimers, and interacts with LFA-1. JAM-B (vasculoendothelial or VE-JAM) and JAM-C each contain two Ig domains (one V-type and one C2-type), a cytoplasmic PDZ-binding motif and a PKC phosphorylation site. JAM-C interacts with MAC-1 and facilitates JAM-B interaction with integrin alpha 4 beta 1.
Specificity	Detects mouse JAM-A in ELISAs and Western blots. In sandwich immunoassays, less than 1% cross-reactivity with recombinant human JAM-A, recombinant mouse (rm)JAM-B, and rmJAM-C is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse JAM-A. Lys27-Ala242 Accession Number O88792
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Immunohistochemistry, ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	F11r F11 receptor [Mus musculus (house mouse)]
Official Symbol	F11R
Synonyms	F11R; F11 receptor; JAM; Jcam; JAM-1; JAM-A; Jcam1; Ly106; ESTM33; AA638916; 9130004G24; junctional adhesion molecule A; BV11 antigen; F11 receptor/F11R; junctional adhesion molecule 1; junction cell adhesion molecule1; junction cell adhesion molecule A;
Entrez Gene ID	16456
Protein Refseq	NP_766235
UniProt ID	O88792
Chromosome Location	1 H2; 1 79.43 cM
Pathway	Cell adhesion molecules (CAMs); Cell junction organization; Cell surface interactions at the vascular wall; Cell-Cell communication; Cell-cell junction organization; Disease; Extracellular matrix organization; Hemostasis;
Function	protein binding;