



# Anti-F11R polyclonal antibody [Biotin] (DPABY-646)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Detects mouse JAM-A in ELISAs in Western blots. In sandwich immunoassays, less than 1% cross-reactivity is observed with recombinant human JAM-A, recombinant mouse (rm)JAM-B, and rmJAM-C.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse JAM-A. Lys27-Ala242 Accession Number O88792
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid

<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">F11r F11 receptor [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	F11R
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">16456</a>
<b>Protein Refseq</b>	<a href="#">NP_766235</a>
<b>UniProt ID</b>	<a href="#">O88792</a>
<b>Chromosome Location</b>	1 H2; 1 79.43 cM
<b>Pathway</b>	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;
<b>Function</b>	protein binding;