

Product datasheet for **DM3580P**

CD321 / JAM1 (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 1M21]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1M21
Applications:	WB
Recommended Dilution:	Western Blot: 1/500 - 1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant protein of JAM-A extracellular domain
Specificity:	This antibody detects JAM-A.
Formulation:	Protein A/G affinity chromatography State: Purified State: Lyophilized purified Ig
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	F11 receptor
Database Link:	Entrez Gene 16456 Mouse O88792
Background:	Junctional Adhesion Molecule 1 (JAM1) seems to play a role in epithelial tight junction formation. It appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly. JAM1 plays a role in regulating monocyte transmigration involved in integrity of the epithelial barrier. JAM1 is also involved in platelet activation.



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Synonyms: JAM-A, Platelet F11 receptor, F11R, JCAM, PAM1