

Product datasheet for **SM272B**

Pecam1 Mouse Monoclonal Antibody [Clone ID: TLD-3A12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TLD-3A12
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Activated, Lewis rat derived microglial cells. Spleen cells from immunised BALB/c mouse were fused with cells of the mouse SP2 myeloma cell line.
Specificity:	This antibody recognises PECAM-1 (CD31). Clone TLD-3A12 has been shown to partially block the proliferative response of antigen-specific CD4+ T cells to antigen-presenting cells and relevant antigen.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: Biotin State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	platelet and endothelial cell adhesion molecule 1
Database Link:	Entrez Gene 29583 Rat Q3SWT0
Background:	CD31 is a type 1 transmembrane protein expressed primarily on endothelial cells, platelets and leucocytes.



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Synonyms: PECAM-1, EndoCAM, GPIIA'