

Product datasheet for **SM2147**

PECAM1 Mouse Monoclonal Antibody [Clone ID: LCI-9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LCI-9
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry on frozen sections.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Porcine CD31/human IgGFc fusion protein
Specificity:	This antibody recognises CD31, a 140kD cell surface protein also known as PECAM-1.
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant containing 0.09% Sodium Azide
Conjugation:	Unconjugated
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.
Database Link:	Q95242
Background:	CD31, also known as platelet endothelial cell adhesion molecule 1 (PECAM1), is a type I integral membrane glycoprotein and a member of the immunoglobulin superfamily of cell surface receptors. It is constitutively expressed on the surface of endothelial cells, and concentrated at the junction between them. It is also weakly expressed on many peripheral lymphoid cells and platelets. CD31 has been used to measure angiogenesis in association with tumor recurrence. Other studies have also indicated that CD31 and CD34 can be used as markers for myeloid progenitor cells and recognize different subsets of myeloid leukemia infiltrates (granular sarcomas).
Synonyms:	PECAM-1, EndoCAM, GPIIA'



[View online »](#)