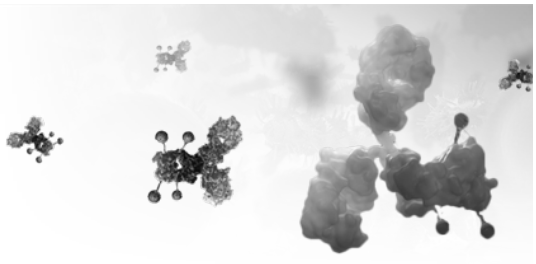

Human PECAM1 peptide (DAG-P0329)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010]
Specificity	Expressed on platelets and leukocytes and is primarily concentrated at the borders between endothelial cells. Isoform Long predominates in all tissues examined. Isoform Delta12 is detected only in trachea. Isoform Delta14-15 is only detected in lung. Isof
Conjugate	Unconjugated
Sequence Similarities	Contains 6 Ig-like C2-type (immunoglobulin-like) domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PECAM1 platelet/endothelial cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	PECAM1
Synonyms	PECAM1; platelet/endothelial cell adhesion molecule 1; CD31; PECA1; GPIIA; PECAM-1; endoCAM; CD31/EndoCAM; platelet endothelial cell adhesion molecule; CD31 antigen;
Entrez Gene ID	5175

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mRNA Refseq	NM_000442.4
Protein Refseq	NP_000433.4
UniProt ID	P16284
Chromosome Location	17q23.3
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Hemostasis, organism-specific biosystem; Integrin cell surface interactions, organism-specific biosystem; Leukocyte transendothelial migration, organism-specific biosystem; Leukocyte transendothelial migration, conserved biosystem; Malaria, orga
Function	protein binding;

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