



Rabbit Anti-Human PECAM1 Monoclonal Antibody, clone CQ7148 (CABT-Z210R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CD31 residues within aa634-734 of CD31 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7148
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	83 kDa
Cellular Localization	Membrane
Positive Control	Placenta
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CD31 also designated as PECAM-1 (platelet endothelial cell adhesion molecule 1), is a transmembrane glycoprotein belongs to immunoglobulin superfamily, which is key factor for adhesion and accumulation of platelets. It is present on the surface of platelets, monocytes, macrophages, and neutrophils and is a constituent of the endothelial intercellular junction. CD31 is generally regarded to be the most sensitive and specific endothelial marker in paraffin sections, and is one of the best markers for benign and malignant vascular tumors.
Keywords	PECAM1; CD31; PECAM-1; platelet endothelial cell adhesion molecule; type I transmembrane endothelial adhesion molecule; platelet/endothelial cell adhesion molecule (CD31 antigen)

GENE INFORMATION

Gene Name	PECAM1
Entrez Gene ID	5175
UniProt ID	P16284