



# 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

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

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

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	PECAM1; CD31; PECAM-1; platelet endothelial cell adhesion molecule; type I transmembrane endothelial adhesion molecule; platelet/endothelial cell adhesion molecule (CD31 antigen)

## GENE INFORMATION

<b>Gene Name</b>	PECAM1
<b>Entrez Gene ID</b>	<a href="#">5175</a>
<b>UniProt ID</b>	<a href="#">P16284</a>