

Datasheet for ABIN1531371
anti-CD31 antibody (pTyr713)



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2 Images

Overview

Quantity:	100 µL
Target:	CD31 (PECAM1)
Binding Specificity:	AA 686-735, pTyr713
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PECAM-1 around the phosphorylation site of Tyr713.
Isotype:	IgG
Specificity:	PECAM-1 (Phospho-Tyr713) Antibody detects endogenous levels of PECAM-1 only when phosphorylated at Tyr713. PhosphorylationH:Y713 M:Y702
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

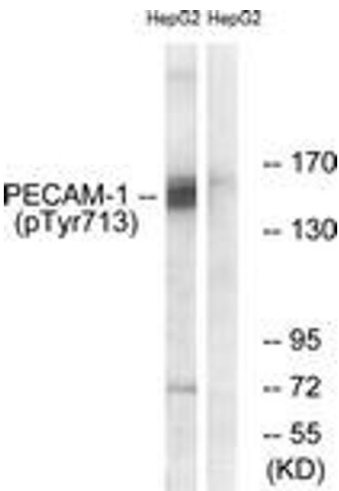
Target:	CD31 (PECAM1)
Alternative Name:	PECAM-1 (PECAM1 Products)
Background:	Synonyms: CD31, CD31 antigen, EndoCAM, PEC1, PECA1, PECAM, PECAM1, Platelet endothelial cell adhesion molecule precursor NCBI Gene Symbol: PDGFRA
Molecular Weight:	82 kDa
Gene ID:	5175
OMIM:	173445
UniProt:	P16284
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.514412, Hs.709189 (NCBI Gene Symbol: PDGFRA)
Restrictions:	For Research Use only

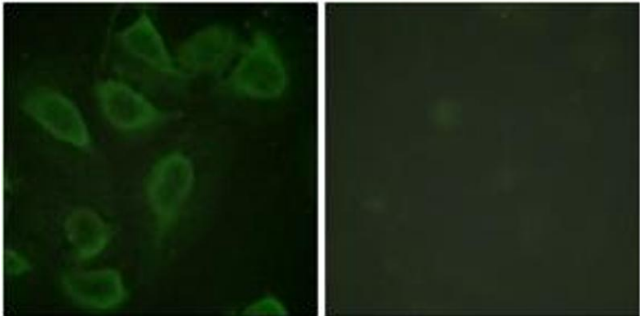
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using PECAM-1 (Phospho-Tyr713) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using PECAM-1 (Phospho-Tyr713) Antibody. The picture on the right is treated with the synthesized peptide.