

Datasheet for ABIN7431653
anti-CD31 antibody (AA 78-214)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CD31 (PECAM1)
Binding Specificity:	AA 78-214
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Platelet/Endothelial Cell Adhesion Molecule (PECAM1)
Immunogen:	Recombinant Platelet/Endothelial Cell Adhesion Molecule (PECAM1) corresponding to Arg78~Glu214 (Accession # Q08481)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PECAM1. It has been selected for its ability to recognize PECAM1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CD31 (PECAM1)
---------	---------------

Target Details

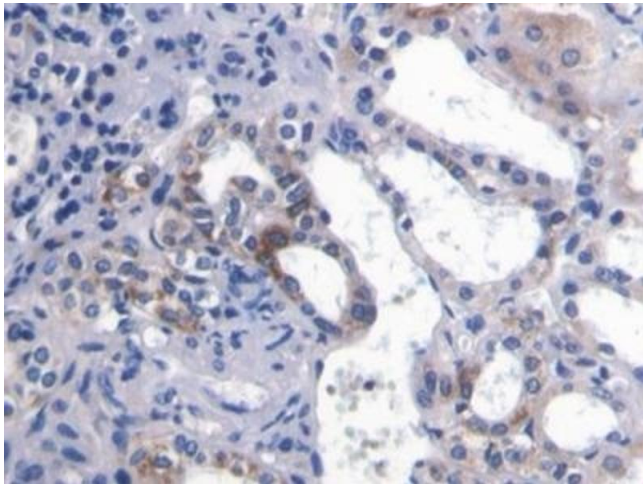
Alternative Name:	PECAM1 (PECAM1 Products)
Background:	CD31, EndoCAM, GPIIA', PECA1
UniProt:	Q08481
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunofluorescence:5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

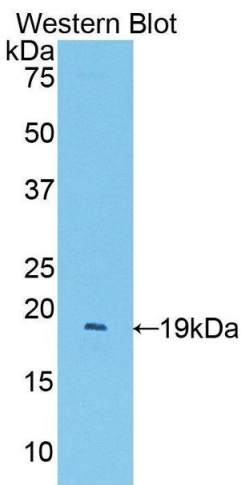
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



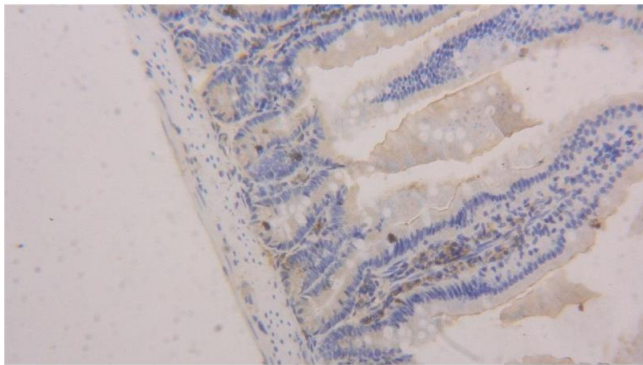
Immunohistochemistry

Image 1. Detection of PECAM1 in Mouse Kidney Tissue using Polyclonal Antibody to Platelet/Endothelial Cell Adhesion Molecule (PECAM1)



Western Blotting

Image 2. Detection of Recombinant PECAM1, Mouse using Polyclonal Antibody to Platelet/Endothelial Cell Adhesion Molecule (PECAM1)



Immunohistochemistry

Image 3. Detection of PECAM1 in Mouse Intestine Tissue using Polyclonal Antibody to Platelet/Endothelial Cell Adhesion Molecule (PECAM1)