

Datasheet for ABIN7477409
anti-CD31 antibody (AA 625-738)



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3 Images

Overview

Quantity:	1 mL
Target:	CD31 (PECAM1)
Binding Specificity:	AA 625-738
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fragment (around aa 625-738) of human CD31 protein (exact sequence is proprietary)
Clone:	MSVA-031M
Isotype:	IgG

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	CD31 (PECAM1 Products)
Background:	EndoCAM, PECA1, Platelet Endothelial Cell Adhesion Molecule 1, GPIIA,CD31 antibody validated for immunohistochemistry on 76 different Normal Tissues

Target Details

UniProt:	P16284
Pathways:	Regulation of Actin Filament Polymerization

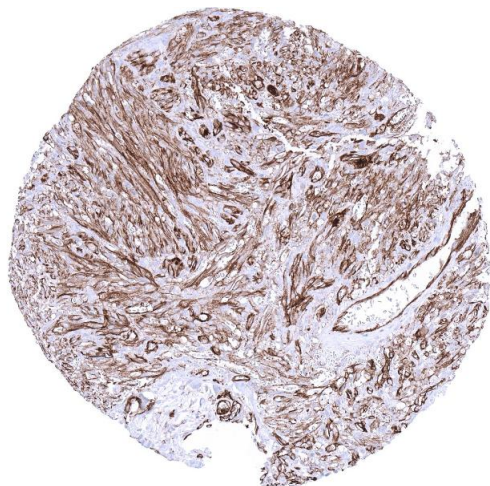
Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Liver: At least a weak to moderate staining of the majority of the hepatic sinusoidal endothelial cells should be seen. Negative Control: Liver: Hepatocytes should not show any CD31 staining.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

Handling

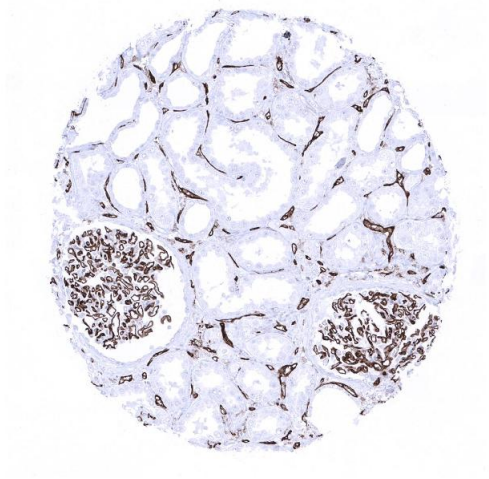
Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.

Images



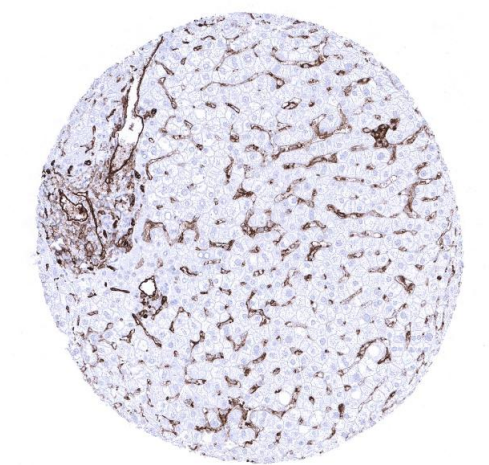
Immunohistochemistry

Image 1. Skin Kaposi sarcoma showing moderate CD31 immunostaining of tumor cells



Immunohistochemistry

Image 2. kidney cortex



Immunohistochemistry

Image 3. liver