

Datasheet for ABIN6391357

anti-CD31 antibody (Internal Region)

Image



Overview

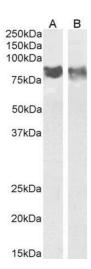
Quantity:	100 μg
Target:	CD31 (PECAM1)
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	

Product Details

Purpose:	Pecam1 / CD31 (mouse)
Sequence:	EKTTIEYEVK VH
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_032842.2, NP_001027550.1).
Cross-Reactivity:	Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target Details	
Target:	CD31 (PECAM1)
Alternative Name:	Pecam1
Background:	Pecam1, platelet/endothelial cell adhesion molecule 1, C85791, Cd31, PECAM-1, Pecam,
	PECAM-1/CD31, platelet endothelial cell adhesion molecule
Gene ID:	18613
NCBI Accession:	NP_032842, NP_001027550
Pathways:	Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	Western Blot: Approx 80-85 kDa band observed in Mouse and Rat Spleen lysates (calculated
	MW of 80 kDa according to Mouse NP_032842.2 and 76.2 kDa according to Rat NP_113779.1)
	Recommended concentration: 0.3-1 µg/mL. Primary incubation 1 hour at room tempera
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	
	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN6391357 (0.5μg/ml) staining of Mouse (A) and Rat (B) Spleen lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.