

Datasheet for ABIN610028

anti-CD31 antibody[Go to Product page](#)**2** Publications

Overview

Quantity:	100 µg
Target:	CD31 (PECAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Functional Studies (Func)

Product Details

Immunogen:	Stimulated human leukocytes.
	Type of Immunogen: Cells
Clone:	158-2B3
Isotype:	IgG1
Specificity:	Domain 1 of CD31.
Purification:	Protein A purified

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	PECAM-1 / CD31 (PECAM1 Products)

Target Details

Background:	Name/Gene ID: PECAM1
	Synonyms: PECAM1, CD31, CD31 antigen, EndoCAM, PECA1, PECAM-1, GPIIA
Gene ID:	5175
UniProt:	P16284
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Approved: Flo, Func
	Usage: Function: Blocks homophilic interaction and heterophilic transendothelial migration.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	50 mM sodium phosphate, pH 7.5, 100 mM potassium chloride, 150 mM sodium chloride, 0.5 mg/mL Gentamicin sulfate
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze.

Publications

Product cited in:	Vossmeier, Hofmann, Löster, Reutter, Danker: "Phospholipase Cgamma binds alpha1beta1 integrin and modulates alpha1beta1 integrin-specific adhesion." in: The Journal of biological chemistry , Vol. 277, Issue 7, pp. 4636-43, (2002) (PubMed).
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Dayanir, Meyer, Lashkari, Rahimi: "Identification of tyrosine residues in vascular endothelial growth factor receptor-2/FLK-1 involved in activation of phosphatidylinositol 3-kinase and cell proliferation." in: **The Journal of biological chemistry**, Vol. 276, Issue 21, pp. 17686-92, (2001) ([PubMed](#)).