

Datasheet for ABIN610031
anti-CD31 antibody (PE)



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1 Publication

Overview

Quantity:	120 tests
Target:	CD31 (PECAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is conjugated to PE
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:	Gel filtration

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. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
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, 500 mM potassium chloride, 150 mM sodium chloride, 15 % Glycerol, 0.2 % BSA, 0.04 % sodium azide
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:	Do not freeze. Product is photosensitive and should be protected from light.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze. Protect from light.

Publications

Product cited in:	Ackerley, Grierson, Brownlees, Thornhill, Anderton, Leigh, Shaw, Miller: "Glutamate slows axonal
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transport of neurofilaments in transfected neurons." in: **The Journal of cell biology**, Vol. 150, Issue 1, pp. 165-76, (2000) ([PubMed](#)).