

Datasheet for ABIN7457508
anti-CD31 antibody (PE-Cy7)



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Overview

Quantity:	20 tests
Target:	CD31 (PECAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is conjugated to PE-Cy7
Application:	Flow Cytometry (FACS)

Product Details

Clone:	158-2B3
Isotype:	IgG1, kappa

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	CD31 (PECAM1 Products)
Background:	Platelet endothelial cell adhesion molecule, PECAM1, PECAM-1, EndoCAM, GPIIA', PECA1, CD31, CD31 is a 130-140 kD type I transmembrane glycoprotein also known as platelet endothelial cell adhesion molecule-1 (PECAM-1) or Endocam. It is expressed on monocytes, platelets, granulocytes, endothelial cells and lymphocyte subsets. CD31 has been reported to bind CD38 and be involved in wound healing, angiogenesis, and cellular migration in an inflammatory situation.

Target Details

Gene ID:	5175
UniProt:	P16284
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Comment:	Matching Isotype Control: PE/Cyanine7 Mouse IgG1, κ Isotype Control (ABIN7469764)
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.05 % Proclin300, 1 % BSA
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.