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Datasheet for ABIN1684607
CD31 Protein (Fc Tag)

1 Publication

Overview

Quantity:	200 µg
Target:	CD31 (PECAM1)
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD31 protein is labelled with Fc Tag.

Product Details

Characteristics:	Optimized DNA sequence encoding Human extracellular domain of human CD31 including a C-terminal Fc tag was expressed in HEK293 cells.
Purity:	> 95 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).
Biological Activity Comment:	Recombinant Human CD31 activity was determined by its ability to support the adhesion of Jurkat human leukemic T cells. When cells are added to recombinant human CD31 coated plates (3.3 µg/mL , 100 µL/well) in the presence of PMA , approximately 50% - 65% will adhere specifically after 30 minutes at 37°C

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	CD31 (PECAM1 Products)
Molecular Weight:	100 kDa
UniProt:	P16284
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Restrictions:	For Research Use only
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Handling

Buffer:	Recombinant CD31 is supplied as a 0.2 µm filtered PBS solution, pH7.2 .
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	The lyophilized antibody is stable for at least 1 year from date of receipt at -20 °C. Upon reconstitution, this antibody can be stored in working aliquots at -8 °C for one month, or at -20 °C for six months without detectable loss of activity.
Expiry Date:	12 months

Publications

Product cited in:	Margarucci, Monti, Cassiano, Mozzicafreddo, Angeletti, Riccio, Tosco, Casapullo: "Chemical proteomics-driven discovery of oleocanthal as an Hsp90 inhibitor." in: Chemical communications (Cambridge, England) , Vol. 49, Issue 52, pp. 5844-6, (2013) (PubMed).
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