

43-1015: Monoclonal Antibody to Human CD31 (PECAM-1) NALE™ Purified (Clone: WM59)

Clonality :	Monoclonal
Clone Name :	WM59
Application :	FACS
Reactivity :	Human
Gene :	PECAM1
Gene ID :	5175
Uniprot ID :	P16284
Alternative Name :	EndoCAM, GPIIA, PECA1
Isotype :	Mouse IgG1, kappa

Description

The WM59 monoclonal antibody specifically reacts with human CD31, a 130-140 kDa type I transmembrane glycoprotein also known as platelet-endothelial cell adhesion molecule-1 (PECAM-1) or Endocam. CD31 is reported to bind to CD38 and is expressed on platelets, monocytes, granulocytes, and endothelial cells. It plays a role in angiogenesis, wound healing, cellular migration, and signal transduction.

Product Info

Amount :	100 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.