

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	WM59
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	PECAM1
<b>Gene ID :</b>	5175
<b>Uniprot ID :</b>	P16284
<b>Alternative Name :</b>	EndoCAM, GPIIA, PECA1
<b>Isotype :</b>	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**

<b>Amount :</b>	100 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	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.