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## Product Datasheet

### **CD31 / PECAM-1 (Endothelial Cell Marker)(PECAM1/3540), Biotin conjugate, 0.1mg/mL, Clone: [PECAM1/3540], Mouse, Monoclonal BOT-BNCB3540-500**

Article Name	CD31 / PECAM-1 (Endothelial Cell Marker)(PECAM1/3540), Biotin conjugate, 0.1mg/mL, Clone: [PECAM1/3540], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB3540-500
Supplier Catalog Number	BNCB3540-500
Alternative Catalog Number	BOT-BNCB3540-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IF
Species Reactivity	Human
Immunogen	Recombinant fragment (around aa 625-738) of human CD31 protein (exact sequence is proprietary)
Conjugation	Biotin
Product Description	CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experime...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[PECAM1/3540]

Molecular Weight	~100 kDa (endothelium) and ~130 kDa (platelets)
UniProt	<a href="#">P16284</a>
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Flow cytometry: 1-2 ug/million cells, Immunofluorescence: 1-2 ug/mL, Optimal dilution for a specific application should be determined. Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody