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## Product Datasheet

### CD31 / PECAM-1 (Endothelial Cell Marker)(PECAM1/3540), CF405S conjugate, 0.1mg/mL, Clone: [PECAM1/3540], Mouse, Monoclonal BOT-BNC043540-100

Article Name	CD31 / PECAM-1 (Endothelial Cell Marker)(PECAM1/3540), CF405S conjugate, 0.1mg/mL, Clone: [PECAM1/3540], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC043540-100
Supplier Catalog Number	BNC043540-100
Alternative Catalog Number	BOT-BNC043540-100-100UL
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	CF405S
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