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## Product Datasheet

### **CD31 / PECAM-1(C31.10), CF647 conjugate, 0.1mg/mL, Clone: [C31.10], Mouse, Monoclonal BOT-BNC470848-500**

Article Name	CD31 / PECAM-1(C31.10), CF647 conjugate, 0.1mg/mL, Clone: [C31.10], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470848-500
Supplier Catalog Number	BNC470848-500
Alternative Catalog Number	BOT-BNC470848-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IHC, WB
Species Reactivity	Human
Immunogen	Recombinant human CD31 protein
Conjugation	CF647
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	[C31.10]

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	Immunohistology formalin-fixed 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Immunofluorescence 0.5-1 ug/mL Flow Cytometry 0.5-1 ug/million cells/0.1 mL Reacts weakly with rat, others not known Optimal dilution for a specific application should be determined by user