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## Product Datasheet

### **CD31 / PECAM-1(JC/70A), CF647 conjugate, 0.1mg/mL, Clone: [JC/70A], Mouse, Monoclonal BOT-BNC470639-100**

Article Name	CD31 / PECAM-1(JC/70A), CF647 conjugate, 0.1mg/mL, Clone: [JC/70A], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470639-100
Supplier Catalog Number	BNC470639-100
Alternative Catalog Number	BOT-BNC470639-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IHC, WB
Species Reactivity	Human, Primate, Rabbit
Immunogen	Membrane preparation of a spleen from a patient with hairy cell leukemia
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	[JC/70A]

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 Western blotting 0.5-1.0 ug/mL Does not react with rat or pig, others not known Optimal dilution for a specific application should be determined by user