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Product Datasheet

CD31 / PECAM-1 (Endothelial Cell Marker) (C31/1395R), CF647 conjugate, 0.1mg/mL, Clone: [C31/1395R], Rabbit, Monoclonal BOT-BNC471395-100

Article Name	CD31 / PECAM-1 (Endothelial Cell Marker) (C31/1395R), CF647 conjugate, 0.1mg/mL, Clone: [C31/1395R], Rabbit, Monoclonal
Biozol Catalog Number	BOT-BNC471395-100
Supplier Catalog Number	BNC471395-100
Alternative Catalog Number	BOT-BNC471395-100-100UL
Manufacturer	Biotium
Host	Rabbit
Category	Antikörper
Application	FC, IHC, WB
Species Reactivity	Human
Immunogen	Human recombinant full-length 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	[C31/1395R]

Molecular Weight	~100 kDa (endothelium) ~130 kDa (platelets)
UniProt	P16284
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user