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## Product Datasheet

### **PECAM-1 Antibody / CD31, Clone: [C31.7], Unconjugated, Mouse, Monoclonal BYT-ORB749380**

Article Name	PECAM-1 Antibody / CD31, Clone: [C31.7], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB749380
Supplier Catalog Number	orb749380
Alternative Catalog Number	BYT-ORB749380-20,BYT-ORB749380-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	FACS, IHC-P, WB
Species Reactivity	Human
Immunogen	Human recombinant PECAM-1 / CD31 protein was used as the immunogen for this antibody.
Conjugation	Unconjugated
Product Description	PECAM-1, or platelet endothelial cell adhesion molecule-1, also called CD31, is made up of six extracellular immunoglobulin-like domains, a single transmembrane domain, and a cytoplasmic domain containing serine and tyrosine residues that when phosph...
Clonality	Monoclonal
Clone Designation	[C31.7]

Buffer	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
Application Dilute	Flow cytometry: 1-2ug/10 <sup>6</sup> cells, Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	<p>Application Notes: The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the PECAM-1 antibody to be titered up or down for optimal performance.</p> <ol style="list-style-type: none"><li>1. Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 minutes.</li><li>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min</li></ol>