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## Product Datasheet

### CD1a(O10), CF647 conjugate, 0.1mg/mL, Clone: [O10], Mouse, Monoclonal BOT-BNC470667-100

Article Name	CD1a(O10), CF647 conjugate, 0.1mg/mL, Clone: [O10], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470667-100
Supplier Catalog Number	BNC470667-100
Alternative Catalog Number	BOT-BNC470667-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IHC
Species Reactivity	Human
Immunogen	Human thymus cells
Conjugation	CF647
Product Description	At least five CD1 genes (CD1a, b, c, d, and e) are identified. CD1 proteins have been demonstrated to restrict T cell response to non-peptide lipid and glycolipid antigens and play a role in non-classical antigen presentation. CD1a is a non-polymorph...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[O10]
Molecular Weight	49 kDa

UniProt	<a href="#">P06126</a>
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: 1-2 ug/mL Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user