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Product Datasheet

DOG-1(DOG1.1), CF647 conjugate, 0.1mg/mL, Clone: [DOG1.1], Mouse, Monoclonal BOT-BNC470725-500

Article Name	DOG-1(DOG1.1), CF647 conjugate, 0.1mg/mL, Clone: [DOG1.1], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470725-500
Supplier Catalog Number	BNC470725-500
Alternative Catalog Number	BOT-BNC470725-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	A synthetic peptide from human DOG-1 protein (MSDFVDWVIPDIPKDISQQIHKEKVLMLVELFMREEQDKQQL-LETMEKERQKDEPPCNHHNTKACPDSLGSPPASHAYHGGVL), conjugated to a carrier protein.
Conjugation	CF647
Product Description	Expression of DOG-1 protein is elevated in the gastrointestinal stromal tumors (GISTs), c-kit signaling-driven mesenchymal tumors of the GI tract. DOG-1 is rarely expressed in other soft tissue tumors, which, due to appearance, may be difficult to di...
Clonality	Monoclonal
Concentration	0.1 mg/mL

Clone Designation	[DOG1.1]
Molecular Weight	~114 kDa
UniProt	Q5XXA6
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-fixed 0.25-0.5 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