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Product Datasheet

DOG-1(DG1/447), 1mg/mL, Clone: [DG1/447], Mouse, Monoclonal BOT-BNUM0447-50

Article Name	DOG-1(DG1/447), 1mg/mL, Clone: [DG1/447], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0447-50
Supplier Catalog Number	BNUM0447-50
Alternative Catalog Number	BOT-BNUM0447-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human DOG-1 protein
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	1 mg/mL
Clone Designation	[DG1/447]
Molecular Weight	~114 kDa
UniProt	Q5XXA6

Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Flow cytometry: 0.5-1 ug/million cells 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 Optimal dilution for a specific application should be determined by user