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Product Datasheet

DOG-1(DG1/447), Biotin conjugate, 0.1mg/mL, Clone: [DG1/447], Mouse, Monoclonal BOT-BNCB0447-100

Article Name	DOG-1(DG1/447), Biotin conjugate, 0.1mg/mL, Clone: [DG1/447], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB0447-100
Supplier Catalog Number	BNCB0447-100
Alternative Catalog Number	BOT-BNCB0447-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human DOG-1 protein
Conjugation	Biotin
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	[DG1/447]

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 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