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Product Datasheet

DOG-1(DOG1.1), 1mg/mL, Clone: [DOG1.1], Mouse, Monoclonal BOT-BNUM0725-50

Article Name	DOG-1(DOG1.1), 1mg/mL, Clone: [DOG1.1], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0725-50
Supplier Catalog Number	BNUM0725-50
Alternative Catalog Number	BOT-BNUM0725-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	A synthetic peptide from human DOG-1 protein (MSDFVDWVIPDIPKDISQQIHKEKVLMMVELFMREEQDKQQL-LETCKEYERQKDEPPCNHHNTKACPDLSLGSPAPSHAYHGGVL), conjugated to a carrier 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	[DOG1.1]
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 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