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Product Datasheet

DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1484), 1mg/mL, Clone: [DG1/1484], Mouse, Monoclonal BOT-BNUM1484-50

Article Name	DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1484), 1mg/mL, Clone: [DG1/1484], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM1484-50
Supplier Catalog Number	BNUM1484-50
Alternative Catalog Number	BOT-BNUM1484-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human DOG-1 protein fragment (aa 2-101) (exact sequence is proprietary)
Product Description	Expression of DOG-1 protein is elevated in 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 diagno...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[DG1/1484]
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): 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 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user