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## Product Datasheet

### **DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1484), CF647 conjugate, 0.1mg/mL, Clone: [DG1/1484], Mouse, Monoclonal BOT-BNC471484-100**

Article Name	DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1484), CF647 conjugate, 0.1mg/mL, Clone: [DG1/1484], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC471484-100
Supplier Catalog Number	BNC471484-100
Alternative Catalog Number	BOT-BNC471484-100-100UL
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)
Conjugation	CF647
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	0.1 mg/mL

Clone Designation	[DG1/1484]
Molecular Weight	~114 kDa
UniProt	<a href="#">Q5XXA6</a>
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): 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