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## Product Datasheet

### **IDH1(IDH1/1152), 1mg/mL, Clone: [IDH1/1152], Mouse, Monoclonal BOT-BNUM1152-50**

Article Name	IDH1(IDH1/1152), 1mg/mL, Clone: [IDH1/1152], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM1152-50
Supplier Catalog Number	BNUM1152-50
Alternative Catalog Number	BOT-BNUM1152-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant fragment (119 Amino acid residues around aa 280-420) of human IDH1 protein
Product Description	This antibody recognizes a 45 kDa protein, which is identified as isocitrate dehydrogenase (IDH1). It belongs to the isocitrate and isopropylmalate dehydrogenases family. IDH1 catalyzes the third step of the citric acid cycle, which involves the oxid...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[IDH1/1152]
Molecular Weight	45-47 kDa
UniProt	<a href="#">O75874</a>

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 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0 or 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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user