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## Product Datasheet

### **IDH1 (Isocitrate Dehydrogenase) Antibody, IgG1, Clone: [IDH1/1152], Mouse, Monoclonal NBT-3417-MSM2-P1ABX**

Article Name	IDH1 (Isocitrate Dehydrogenase) Antibody, IgG1, Clone: [IDH1/1152], Mouse, Monoclonal
Biozol Catalog Number	NBT-3417-MSM2-P1ABX
Supplier Catalog Number	3417-MSM2-P1ABX
Alternative Catalog Number	NBT-3417-MSM2-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	IF, IHC, WB
Species Reactivity	Human
Immunogen	Recombinant fragment of human IDH1 protein (around aa 281-414) (exact sequence is proprietary)
Product Description	It recognizes a 45kDa 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 oxidative decarb...
Clonality	Monoclonal
Clone Designation	[IDH1/1152]
Molecular Weight	45-47kDa
Isotype	IgG1

NCBI	<a href="#">3417</a>
UniProt	<a href="#">O75874</a>
Form	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 1mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Western Blot (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1m