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## Product Datasheet

### **ODC-1 (Ornithine Decarboxylase-1)(ODC1/485), Biotin conjugate, 0.1mg/mL, Clone: [ODC1/485], Mouse, Monoclonal BOT-BNCB0485-100**

Article Name	ODC-1 (Ornithine Decarboxylase-1)(ODC1/485), Biotin conjugate, 0.1mg/mL, Clone: [ODC1/485], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB0485-100
Supplier Catalog Number	BNCB0485-100
Alternative Catalog Number	BOT-BNCB0485-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC, WB
Species Reactivity	Human, Rat
Immunogen	Recombinant human ODC-1 protein
Conjugation	Biotin
Product Description	Recognizes a 53 kDa protein, identified as the Ornithine Decarboxylase (ODC-1). ODC is the initial and rate-limiting enzyme in the biosynthetic pathway of polyamines and is involved in the conversion of ornithine to putrescine. The biological activit...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[ODC1/485]

Molecular Weight	53 kDa
UniProt	<a href="#">P11926</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-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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user