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## Product Datasheet

### **Mucin 5AC (MUC5AC)(45M1), Biotin conjugate, 0.1mg/mL, Clone: [45M1], Mouse, Monoclonal BOT-BNCB0031-100**

Article Name	Mucin 5AC (MUC5AC)(45M1), Biotin conjugate, 0.1mg/mL, Clone: [45M1], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB0031-100
Supplier Catalog Number	BNCB0031-100
Alternative Catalog Number	BOT-BNCB0031-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	ELISA, FC, IHC, WB
Species Reactivity	Feline, Gallus, Human, Mammal, Monkey, Mouse, Porcine, Rabbit, Rat
Immunogen	M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient
Conjugation	Biotin
Product Description	This MAb recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is located in the C-terminal cysteine rich part of the peptide core of MUC5AC. The epitope is destroyed by beta-mercaptoethanol but not by period...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[45M1]

Molecular Weight	>1,000 kDa
UniProt	<a href="#">P98088</a>
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Flow cytometry: 0.5-1 ug/million cells in 0.1 mL Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology formalin-fixed 1-2 ug/mL Does not react with cow, others not known 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 Optimal dilution for a specific application should be determined by user