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## Product Datasheet

### **MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker)(VU-4H5), 0.2mg/mL, Clone: [VU-4H5], Mouse, Monoclonal BOT-BNUB0431-100**

Article Name	MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker)(VU-4H5), 0.2mg/mL, Clone: [VU-4H5], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUB0431-100
Supplier Catalog Number	BNUB0431-100
Alternative Catalog Number	BOT-BNUB0431-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Synthetic glycosylated MUC1 60mer tandem repeat NH <sub>2</sub> -(HGVTSAPDT(GalNAc)RPAPGSTAPPAHG) <sub>3</sub> -COOH, conjugated to bovine serum albumin
Product Description	MAb VU-4H5 reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The dominant epitope of MAb VU4H5 is APDTR as established with epitope fingerprinting. VU-4H5 preferentially binds to under...
Clonality	Monoclonal
Concentration	0.2 mg/mL
Clone Designation	[VU-4H5]

Molecular Weight	265-400 kDa
UniProt	<a href="#">P15941</a>
Buffer	PBS, 0.05% 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: 1-2 ug/mL Immunohistochemistry (formalin-fixed): 0.5-1 ug/mL for 30 minutes at RT Western blot: 1-2 ug/mL Flow cytometry: 0.5-1 ug/million cells Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user