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Product Datasheet

MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker)(VU-4H5), 1mg/mL, Clone: [VU-4H5], Mouse, Monoclonal BOT-BNUM0431-50

Article Name	MUC1 / CA15-3 / EMA / CD227 (Epithelial Marker)(VU-4H5), 1mg/mL, Clone: [VU-4H5], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0431-50
Supplier Catalog Number	BNUM0431-50
Alternative Catalog Number	BOT-BNUM0431-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Synthetic glycosylated MUC1 60mer tandem repeat NH ₂ -(HGVTSAPDT(GalNAc)RPAPGSTAPPAHG) ₃ -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	1 mg/mL
Clone Designation	[VU-4H5]

Molecular Weight	265-400 kDa
UniProt	P15941
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: 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