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Product Datasheet

Mouse anti Human Muc1, IgG1, Clone: [VU-4H5], Unconjugated, Monoclonal NMB-X1602M

Article Name	Mouse anti Human Muc1, IgG1, Clone: [VU-4H5], Unconjugated, Monoclonal
Biozol Catalog Number	NMB-X1602M
Supplier Catalog Number	X1602M
Alternative Catalog Number	NMB-X1602M
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Conjugation	Unconjugated
Product Description	Muc1 is a heavily O-glycosylated transmembrane protein expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and overexpressed in >90% breast carcinomas an...
Clonality	Monoclonal
Concentration	See vial for concentration
Clone Designation	[VU-4H5]
Isotype	IgG1

UniProt	P15941
Buffer	Provided as solution in phosphate buffered saline with 0.08% sodium azide
Source	Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with a Muc1 60mer tandem repeat NH ₂ -(VTSAPDTRPAPGSTAPPAHG) ₃ -COOH and mouse myeloma SP2 cells.
Purity	Protein A/G Chromatography
Form	Unconjugated
Application Notes	Antibody can be used for immunohistochemistry on frozen and paraffin embedded tissues, ELISA and Western blotting. Optimal concentration should be evaluated by serial dilutions. Antibody can only detect Muc1 if the threonine residue of the PDTRPAP of the tandem repeat region is non-glycosylated ⁴ .