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Product Datasheet

MUC-1 Antibody, Clone: [HMPV], Mouse, Monoclonal NSJ-V2721-100UG

Article Name	MUC-1 Antibody, Clone: [HMPV], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2721-100UG
Supplier Catalog Number	V2721-100UG
Alternative Catalog Number	NSJ-V2721-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human
Immunogen	Human breast cancer cell line ZR-75 cells were used as the immunogen for the MUC-1 antibody.
Product Description	This mAb recognizes full-length MUC1/Mucin-1/Epithelial Marker Antigen/EMA in a glycosylation-independent manner and can bind to the fully glycosylated protein. The dominant epitope of this mAb is APDTR in the VNTR region. It reacts with the core pep...
Clonality	Monoclonal
Clone Designation	[HMPV]
UniProt	P15941
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Flow cytometry: 1-2ug/million cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT, Western blot: 1-2ug/ml
Application Notes	Optimal dilution of the MUC-1 antibody should be determined by the researcher. 1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min. 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.