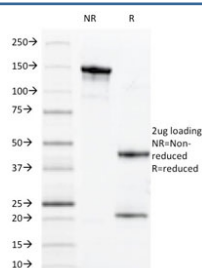


MUC1 Antibody / Mucin-1 [clone VU-11D1] (V7967)

Catalog No.	Formulation	Size
V7967-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7967-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7967SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	VU-11D1
Purity	Protein G affinity chromatography
UniProt	P15941
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This MUC1 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free MUC1 antibody (clone VU-11D1) as confirmation of integrity and purity.

Description

MAb VU-11D1 reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The dominant epitope of MAb VU-11D1 is the 7-mer TSAPDTR of the MUC1 tandem repeat as

established with 'epitope fingerprinting'. The extra cellular domain of MUC1 largely consists of a highly conserved, O-glycosylated 20 amino acids tandem repeat which can occur 30-100 times per molecule depending on the length of the allele involved. In the vast majority of human carcinomas this protein is up regulated and poorly glycosylated and appears on the cell surface in a non-polarized fashion.

Application Notes

Optimal dilution of the MUC1 antibody should be determined by the researcher.

Immunogen

Human breast cancer cell line ZR-75 cells were used as the immunogen for this MUC1 antibody.

Storage

Store the MUC1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).