Product Datasheet

MUC1 Antibody (rMUC1/960) [mFluor Violet 450 SE]
NBP2-54346MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-54346MFV450

Updated 10/26/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/NBP2-54346MFV450

NBP2-54346MFV450

MUC1 Antibody (rMUC1/960) [mFluor Violet 450 SE]

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	rMUC1/960
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	mFluor Violet 450 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description

Host	Mouse
Gene ID	4582
Gene Symbol	MUC1
Species	Human
Marker	Epithelial Marker
Specificity/Sensitivity	This monoclonal antibody reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The dominant epitope of this monoclonal antibody involves both amino acids as well as sugar moieties. Neuraminidase treatment destroys the antigen. It is a very good tracer agent in CA15.3 assays. The extracellular 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.
Immunogen	Recombinant human MUC1 protein (Uniprot: P15941)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

MUC1 Antibody (rMUC1/960) [mFluor Violet 450 SE] [NBP2-54346MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.

mFluor™ Violet 450

LASER (nm)	FILTER
Violet (405)	450/45

EXCITATION MAX (nm)	EMISSION MAX (nm)
406	445

Products Related to NBP2-54346MFV450

H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]
10332-MU-050	MUC1 [Unconjugated]
NB300-141	GFAP Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-54346MFV450

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications