

# Product Datasheet

## MUC1 Antibody (M9E7) [DyLight 755] NB120-8322IR

Unit Size: 0.2 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB120-8322IR](http://www.novusbio.com/NB120-8322IR)

Updated 9/10/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB120-8322IR](http://www.novusbio.com/reviews/destination/NB120-8322IR)



**NB120-8322IR**

MUC1 Antibody (M9E7) [DyLight 755]

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.2 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.   |
| Clonality           | Monoclonal   |
| Clone               | M9E7   |
| Preservative        | 0.05% Sodium Azide   |
| Isotype             | IgG  |
| Conjugate           | DyLight 755  |
| Purity              | Protein A purified   |
| Buffer              | 50mM Sodium Borate   |

| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 4582  |
| Gene Symbol             | MUC1  |
| Species                 | Human   |
| Specificity/Sensitivity | Binds with high efficiency to different regions of GVTSA PDTRPAPGSTAPPAHGVTSA synthetic peptide spanning the one repeat of VNTR extracellular portion of MUC1 molecule. Reacts with VNTR5 and VNTR20 recombinant unglycosylated fragments of MUC1 protein and underglycosylated MUC1 prepared from tumor fluids (T47D cells) or as a result of chemical treatment (NaJO <sub>4</sub> ) of human milk MUC1. Does not recognize natural MUC1 protein isolated from human milk by affinity purification on carbohydrate epitope specific MABs and belong to MAB cluster 1-4 according to ISOMB TD-4 classification. No cross-reactivity with egg white avidin. |
| Immunogen               | Hybridoma clone has been derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice immunized with: recombinant (E. coli) VNTR20 (tandem repeat in MUC1 core) polypeptide.  |
| Notes                   | Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. 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                | ELISA, Immunohistochemistry, Immunohistochemistry-Frozen               |
| Recommended Dilutions       | ELISA, Immunohistochemistry, Immunohistochemistry-Frozen               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB120-8322IR](http://www.novusbio.com/reviews/submit/NB120-8322IR)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

