

# Product Datasheet

## MUC2 Antibody (4A8) H00004583-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00004583-M01****MUC2 Antibody (4A8)**

| <b>Product Information</b>     |                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 mg                                                                                                           |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| <b>Clonality</b>               | Monoclonal                                                                                                       |
| <b>Clone</b>                   | 4A8                                                                                                              |
| <b>Preservative</b>            | No Preservative                                                                                                  |
| <b>Isotype</b>                 | IgG2a Kappa                                                                                                      |
| <b>Purity</b>                  | IgG purified                                                                                                     |
| <b>Buffer</b>                  | In 1x PBS, pH 7.4                                                                                                |
| <b>Target Molecular Weight</b> | 540 kDa                                                                                                          |

| <b>Product Description</b>     |                                                                                                                                                                                                                                |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                           |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                          |
| <b>Gene ID</b>                 | 4583                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>             | MUC2                                                                                                                                                                                                                           |
| <b>Species</b>                 | Human                                                                                                                                                                                                                          |
| <b>Specificity/Sensitivity</b> | MUC2 Antibody (4A8) recognizes intestinal/tracheal MUC2.                                                                                                                                                                       |
| <b>Immunogen</b>               | MUC2 (NP_002448, 5081 a.a. ~ 5179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>TTEVSYAGCTKTVLMNHCSGSCGTFVMYSAKAQALDHSCSCCKEEKTSQREV<br>VLSCPNGGSLTHTYTHIESCQCQDTCGLPTGTSRRARRSPRHLGSG* |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                             |

| <b>Product Application Details</b> |                                                           |
|------------------------------------|-----------------------------------------------------------|
| <b>Applications</b>                | ELISA                                                     |
| <b>Recommended Dilutions</b>       | ELISA                                                     |
| <b>Application Notes</b>           | Antibody reactivity against recombinant protein on ELISA. |





### **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  
novus@novusbio.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  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.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.

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