

# Product Datasheet

## MUC1 Antibody (MUC1/8109R) [Janelia Fluor® 585] NBP3-20775JF585

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 12/12/2024 v.20.1

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**NBP3-20775JF585**

MUC1 Antibody (MUC1/8109R) [Janelia Fluor® 585]

| <b>Product Information</b> |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 ml                                                                                      |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C in the dark.                                                                    |
| <b>Clonality</b>           | Monoclonal                                                                                  |
| <b>Clone</b>               | MUC1/8109R                                                                                  |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>             | IgG Kappa                                                                                   |
| <b>Conjugate</b>           | Janelia Fluor 585                                                                           |
| <b>Purity</b>              | Protein A or G purified                                                                     |
| <b>Buffer</b>              | 50mM Sodium Borate                                                                          |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene ID</b>                 | 4582                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>             | MUC1                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Specificity/Sensitivity</b> | In Western blotting, it recognizes proteins in MW range of 265-400kDa, identified as different glycoforms of EMA This monoclonal antibody reacts with the DTRP epitope in the tandem repeats In immunohistochemical assays, it superbly stains routine formalin/paraffin carcinoma tissues Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver |
| <b>Immunogen</b>               | Recombinant full-length human MUC1 protein                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                    |

| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin                                          |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin                                          |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |





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### **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)

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