

# Product Datasheet

## MUC1 Antibody (SM3) [mFluor Violet 500 SE] NB120-22711MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB120-22711MFV500**

MUC1 Antibody (SM3) [mFluor Violet 500 SE]

| <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>                       | SM3   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG2a Kappa   |
| <b>Conjugate</b>                   | mFluor Violet 500 SE  |
| <b>Purity</b>                      | Protein G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 4582  |
| <b>Gene Symbol</b>                 | MUC1  |
| <b>Species</b>                     | Human, Mouse  |
| <b>Reactivity Notes</b>            | Mouse reactivity reported in scientific literature (PMID: 1372533) No record of testing in other species.   |
| <b>Specificity/Sensitivity</b>     | Reacts very little with normal tissue. Found to react with breast, colon and ovarian carcinomas and adenocarcinoma. SM3 recognises the under-glycosylated form of MUC1 and is therefore tumour specific.                              |
| <b>Immunogen</b>                   | Hydrogen fluoride deglycosylated milk mucin.  |
| <b>Notes</b>                       | 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. |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



## Images

MUC1 Antibody (SM3) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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### **Products Related to NB120-22711MFV500**

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|                    |   |
|--------------------|---|
| 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                               |

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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.

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