

# Product Datasheet

## **WT1 Antibody (WT1/857 + 6F-H2) [mFluor Violet 610 SE] NBP2-47858MFV610**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47858MFV610**

WT1 Antibody (WT1/857 + 6F-H2) [mFluor Violet 610 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                       | WT1/857 + 6F-H2                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG1 Kappa/IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 7490                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | WT1                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity Notes            | Use in Mouse reported in scientific literature (PMID:33631230).                                                                                                                                                                                                                                                                                                                                                                                                 |
| Marker                      | Wilm's Tumor & Mesothelial Marker                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | Recognizes a 47-55kDa-tumor suppressor protein, identified as Wilms tumor and mesothelioma. WT1 protein has been identified in proliferative mesothelial cells, malignant mesothelioma, ovarian carcinoma, gonadoblastoma, nephroblastoma, and desmoplastic small round cell tumor. Lung adenocarcinomas rarely stain positive with this antibody. WT1 protein expression in mesothelial cells has become a reliable marker for the diagnosis of mesotheliomas. |
| Immunogen                   | Recombinant full length human WT1 protein (WT1/857); Recombinant fragment aa1-181 of human WT1 (6F-H2) (Uniprot: P19544)                                                                                                                                                                                                                                                                                                                                        |
| 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                | Immunohistochemistry-Paraffin, Immunohistochemistry, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                                |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                          |





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### **Products Related to NBP2-47858MFV610**

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|                    |                                            |
|--------------------|--------------------------------------------|
| H00007490-Q01-10ug | Recombinant Human WT1 GST (N-Term) Protein |
| 292-G2-050         | IGF-II/IGF2 [Unconjugated]                 |
| NBP2-11141         | WT1 Overexpression Lysate                  |
| AF3075             | SOX9 Antibody [Unconjugated]               |

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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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