

Product Datasheet

MUC1 Antibody (VU-2G7) [Janelia Fluor® 646] NBP2-47882JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47882JF646

MUC1 Antibody (VU-2G7) [Janelia Fluor® 646]

| 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 | VU-2G7 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Janelia Fluor 646 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|---|
| Host | Mouse |
| Gene ID | 4582 |
| Gene Symbol | MUC1 |
| Species | Human |
| Marker | Epithelial Marker |
| Specificity/Sensitivity | monoclonal antibody VU-2G7 reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The dominant epitope of VU-2G7 has not been established with 'epitope fingerprinting'. The extra cellular domain of MUC1 largely consists of a highly conserved, O-glycosylated 20 amino acids tandem repeat which can occur 30-100 times per molecule depending on the length of the allele involved. In the vast majority of human carcinomas this protein is up regulated and poorly glycosylated and appears on the cell surface in a non-polarized fashion. |
| Immunogen | Synthetic glycosylated MUC1 60mer tandem repeat NH ₂ -(HGVTSAPDT (GalNAc)RPAPGSTAPPAHG) ₃ - COOH, conjugated to bovine serum albumin (Uniprot: P15941) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus |

| Product Application Details | |
|-----------------------------|--|
| Applications | ELISA |
| Recommended Dilutions | ELISA |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-47882JF646

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

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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