

# Product Datasheet

## **TTF-1 / NKX2-1 Antibody [Janelia Fluor® 646] NBP2-41160JF646**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-41160JF646**

TTF-1 / NKX2-1 Antibody [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                   | Polyclonal                                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                               |
| Isotype                     | IgG                                                                                                                                                                                                              |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                |
| Purity                      | Peptide affinity purified                                                                                                                                                                                        |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                               |
| Product Description         |                                                                                                                                                                                                                  |
| Host                        | Rabbit                                                                                                                                                                                                           |
| Gene ID                     | 7080                                                                                                                                                                                                             |
| Gene Symbol                 | NKX2-1                                                                                                                                                                                                           |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                |
| Reactivity Notes            | 0                                                                                                                                                                                                                |
| Specificity/Sensitivity     | NKX2-1 antibody is predicted to not cross-react with other NK2 homeobox family members. At least three isoforms of NKX2-1 are known to exist; this antibody will detect all three.                               |
| Immunogen                   | Antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human NKX2-1. The immunogen is located within the first 50 amino acids of NKX2-1. Amino Acid Sequence: LSPLEESYKKVGMEGG |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                            |
| Product Application Details |                                                                                                                                                                                                                  |
| Applications                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                 |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                           |





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### **Products Related to NBP2-41160JF646**

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|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| NBP2-24891JF646    | Rabbit IgG Isotype Control [Janelia Fluor 646]                   |
| H00007080-Q01-10ug | Recombinant Human TTF-1 / NKX2-1 GST (N-Term) Protein            |
| H00006439-P01-10ug | Recombinant Human SP-B/Surfactant Protein B GST (N-Term) Protein |
| H00007080-P01-2ug  | Recombinant Human TTF-1 / NKX2-1 GST (N-Term) Protein            |

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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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