

# Product Datasheet

## NKX2-4 Antibody [Janelia Fluor® 549] NBP2-81760JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 7/11/2023 v.20.1

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**NBP2-81760JF549**

NKX2-4 Antibody [Janelia Fluor® 549]

| 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 549                                                                                                                                                                                               |
| Purity                      | Peptide affinity purified                                                                                                                                                                                       |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                 |
| Host                        | Rabbit                                                                                                                                                                                                          |
| Gene ID                     | 644524                                                                                                                                                                                                          |
| Gene Symbol                 | NKX2-4                                                                                                                                                                                                          |
| Species                     | Human, Mouse                                                                                                                                                                                                    |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Rat: (86%), Chicken: (86%)                                                                                             |
| Specificity/Sensitivity     | NKX2.8 antibody is predicted to not cross-react with other NK2 homeobox family members. At least two isoforms of NKX2.8 are known to exist; this antibody will detect both isoforms.                            |
| Immunogen                   | NKX2-4 antibody was raised against an 18 amino acid synthetic peptide near the center of human NKX2-4. The immunogen is located within amino acids 220 - 270 of NKX2.8. Amino Acid Sequence: KIWFQNHRYKMKRQAKDK |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                 |
| Applications                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence                                                                                                                                                     |
| Recommended Dilutions       | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence                                                                                                                                                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                          |





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### **Products Related to NBP2-81760JF549**

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|                 |                                                |
|-----------------|------------------------------------------------|
| NBP2-33376H     | Blue Marker Antibody (6F4-F6) [HRP]            |
| NBP2-24891JF549 | Rabbit IgG Isotype Control [Janelia Fluor 549] |
| NBP2-57854PEP   | NKX2-4 Recombinant Protein Antigen             |
| 423-F8-025      | FGF-8 [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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