

# Product Datasheet

## **TTF-1 / NKX2-1 Antibody (TTF1/8430) [Alexa Fluor® 647] NBP3-21034AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-21034AF647**

TTF-1 / NKX2-1 Antibody (TTF1/8430) [Alexa Fluor® 647]

| 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               | TTF1/8430                                                                                   |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | Alexa Fluor 647                                                                             |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene ID                 | 7080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | NKX2-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity | Anti-TTF-1 / NKX2-1 is useful in differentiating primary adenocarcinoma of the lung from metastatic carcinomas originating in the breast, mediastinal germ cell tumors, and malignant mesothelioma. It can also be used to differentiate small cell lung carcinoma from lymphoid infiltrates.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | Recombinant human TTF-1 / NKX2-1 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Product Application Details |                               |
|-----------------------------|-------------------------------|
| Applications                | Immunohistochemistry-Paraffin |
| Recommended Dilutions       | Immunohistochemistry-Paraffin |



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.



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**Products Related to NBP3-21034AF647**

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| IC002R             | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]            |
| 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            |

**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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