

Product Datasheet

TTF-1 / NKX2-1 Antibody (8G7G3/1) [Alexa Fluor® 647] NBP2-34544AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34544AF647

TTF-1 / NKX2-1 Antibody (8G7G3/1) [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	8G7G3/1
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, Mouse, Rat
Reactivity Notes	Shows a broad species reactivity.
Marker	Thyroid & Lung Epithelial Marker
Specificity/Sensitivity	Recognizes a protein of 40kDa, identified as Thyroid transcription factor-1 (TTF-1). TTF-1 is a member of the NKx2 family of homeodomain transcription factors. It is expressed in epithelial cells of the thyroid gland and the lung. Nuclei from liver, stomach, pancreas, small intestine, colon, kidney, breast, skin, testes, pituitary, prostate, and adrenal glands are unreactive. Anti-TTF-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. Loss of TTF-1 expression in non-small cell lung carcinoma has been associated with aggressive behavior of such neoplasms. TTF-1 reactivity is also seen in thyroid malignancies.
Immunogen	Rat full length TTF-1 / NKX2-1 recombinant protein (Uniprot: P43699)



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Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready





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Products Related to NBP2-34544AF647

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
NBL1-13658	TTF-1 / NKX2-1 Overexpression Lysate

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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