

Nkx2.1 Monoclonal Antibody (8G7G3/1)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Avian, Rat, Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	8G7G3/1
Conjugate	Unconjugated
Immunogen	Rat TTF-1 recombinant protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A/G
Storage buffer	PBS, pH 7.4, with 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	4° C
RRID	AB_10984070

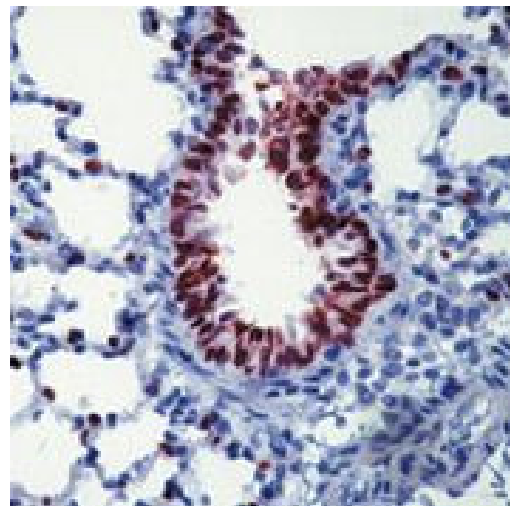
Applications	Tested Dilution	Publications
Western Blot (WB)	-	6 Publications
Immunohistochemistry (IHC)	-	50 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	3 Publications
Immunocytochemistry (ICC/IF)	-	8 Publications
ChIP assay (ChIP)	-	1 Publication
Gel Shift (GS)	-	1 Publication

Product Specific Information

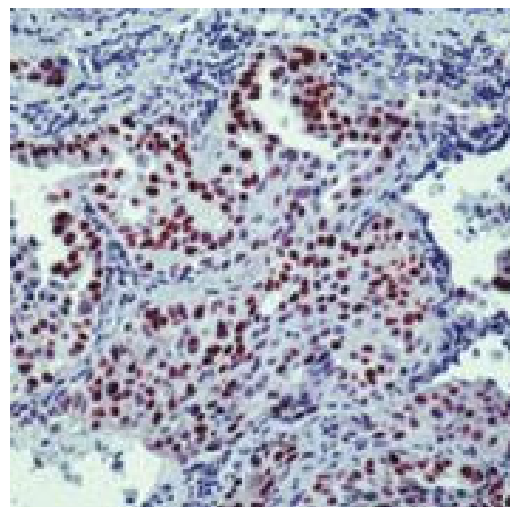
MA5-13961 targets Thyroid Transcription Factor 1 in IF and IHC (P) applications and shows reactivity with Human, mouse, and Rat samples.

The MA5-13961 immunogen is rat TTF-1 recombinant protein.

Product Images For Nkx2.1 Monoclonal Antibody (8G7G3/1)



Nkx2.1 Antibody (MA5-13961) in IHC (P)
Formalin-fixed, paraffin-embedded rat lung stained with TTF-1 antibody using peroxidase-conjugate and AEC chromogen. Note nuclear staining of alveolar epithelial cells.



Nkx2.1 Antibody (MA5-13961) in IHC (P)
Formalin-fixed, paraffin-embedded human lung carcinoma stained with TTF-1 antibody using peroxidase-conjugate and AEC chromogen. Note nuclear staining of tumor cells.

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Western Blot (6)

<p>The EMBO journal</p> <p>RASSF1A controls tissue stiffness and cancer stem-like cells in lung adenocarcinoma.</p> <p>"MA5-13961 was used in Western Blot, Immunocytochemistry to show that adverse prognosis associated with epigenetic silencing of the tumour suppressor RASSF1A is due to increased deposition of extracellular matrix, tumour stiffness and metastatic dissemination in vitro and in vivo."</p> <p>Authors: Pankova D,Jiang Y,Chatzifrangkeskou M,Vendrell I,Buzzelli J,Ryan A,Brown C,O'Neill E</p>	<p>Year 2019</p> <p>Species Human</p> <p>Dilution 1:100</p>
<p>PloS one</p> <p>Genome-wide analyses of Nkx2-1 binding to transcriptional target genes uncover novel regulatory patterns conserved in lung development and tumors.</p> <p>"MA5-13961 was used in western blot to study transcriptional networks regulated by the Nkx2-1 transcription factor in lung development and tumors"</p> <p>Authors: Tagne JB,Gupta S,Gower AC,Shen SS,Varma S,Lakshminarayanan M,Cao Y,Spira A,Volkert TL,Ramirez MI</p>	<p>Year 2012</p> <p>Species Mouse</p>

View more WB references on thermofisher.com

Immunohistochemistry (50)

<p>Cell death & disease</p> <p>Severe head dysgenesis resulting from imbalance between anterior and posterior ontogenetic programs.</p> <p>"MA5-13961 was used in Immunohistochemistry to propose that anterior and posterior ontogenetic program imbalances in embryos could cause head dysgenesis during human development."</p> <p>Authors: Grall E,Gourain V,Naïr A,Martin E,Birling MC,Freund JN,Duluc I</p>	<p>Year 2019</p> <p>Species Mouse</p> <p>Dilution 1:500</p>
<p>The EMBO journal</p> <p>RASSF1A controls tissue stiffness and cancer stem-like cells in lung adenocarcinoma.</p> <p>"MA5-13961 was used in Western Blot, Immunocytochemistry to show that adverse prognosis associated with epigenetic silencing of the tumour suppressor RASSF1A is due to increased deposition of extracellular matrix, tumour stiffness and metastatic dissemination in vitro and in vivo."</p> <p>Authors: Pankova D,Jiang Y,Chatzifrangkeskou M,Vendrell I,Buzzelli J,Ryan A,Brown C,O'Neill E</p>	<p>Year 2019</p> <p>Species Human</p> <p>Dilution 1:100</p>

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More applications with references on thermofisher.com

- IHC (P) (3)
- ICC/IF (8)
- ChIP (1)
- GS (1)

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