

# Nkx2.1 Monoclonal Antibody (8G7G3/1), Biotin

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	Biotin
Immunogen	Rat TTF-1 recombinant protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10987449

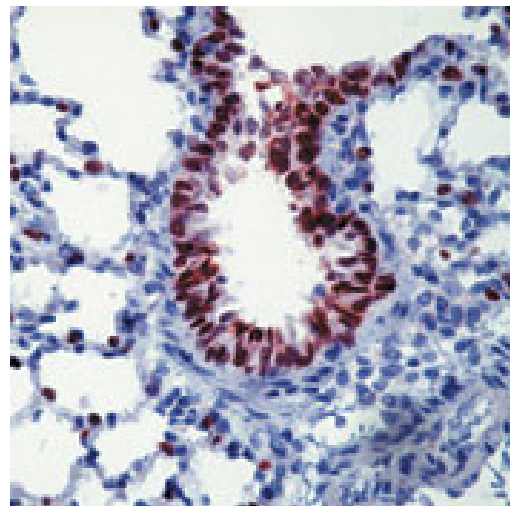
Applications	Tested Dilution	Publications
Western Blot (WB)	-	2 Publications
Immunohistochemistry (IHC)	-	40 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10	-
Immunocytochemistry (ICC/IF)	-	2 Publications

## Product Specific Information

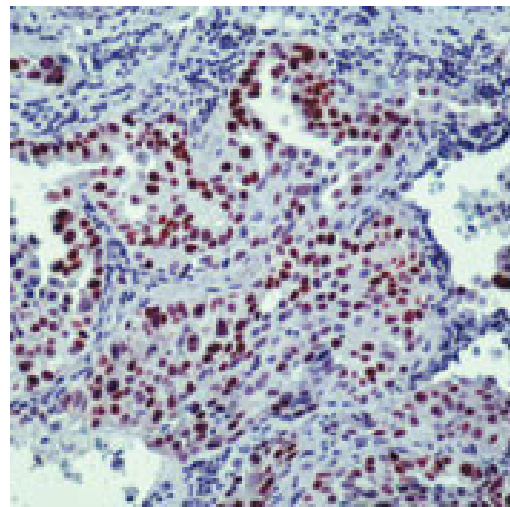
MA5-13958 targets Thyroid Transcription Factor 1 in IF and IHC (P) applications and shows reactivity with Human, mouse, and Rat samples.

The MA5-13958 immunogen is rat TTF-1 recombinant protein.

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



**Nkx2.1 Antibody (MA5-13958) 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 (MA5-13958) 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.

Western Blot (2)

<p>PloS one</p> <p><b>Genome-wide analyses of Nkx2-1 binding to transcriptional target genes uncover novel regulatory patterns conserved in lung development and tumors.</b></p> <p>"MA5-13958 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>
<p>The Journal of comparative neurology</p> <p><b>Developmental origin and identity of song system neurons born during vocal learning in songbirds.</b></p> <p>"MA5-13958 was used in western blot to identify the song system neurons in songbirds"</p> <p>Authors: Scott BB,Lois C</p>	<p>Year 2007</p> <p>Species Avian</p> <p>Dilution 1:100</p>

Immunohistochemistry (40)

<p>Anticancer research</p> <p><b>Influence of thyroid transcription factor-1 on fluorodeoxyglucose uptake and prognosis of non-small cell lung cancer.</b></p> <p>"MA5-13958 was used in immunohistochemistry to study the correlation between fluorodeoxyglucose uptake and thyroid transcription factor-1 expression and the prognostic value in non-small cell lung cancer"</p> <p>Authors: Ooi H,Chen CY,Hsiao YC,Huang WS,Hsieh BT</p>	<p>Year 2014</p> <p>Species Human</p>
<p>Applied immunohistochemistry &amp; molecular morphology : AIMM</p> <p><b>In search of the ideal immunopanel to distinguish metastatic mammary carcinoma from primary lung carcinoma: a tissue microarray study of 207 cases.</b></p> <p>"MA5-13958 was used in immunohistochemistry to establish the optimal panel of immunochemical markers for distinguishing metastatic mammary carcinoma from primary lung carcinoma"</p> <p>Authors: Kawaguchi KR,Lu FI,Kaplan R,Liu YF,Chadwick P,Chen Z,Brogi E,Shin SJ</p>	<p>Year 2014</p> <p>Species Human</p> <p>Dilution 1:200</p>

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ICC/IF (2)

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