

Nkx2.1 Monoclonal Antibody (8G7G3/1)

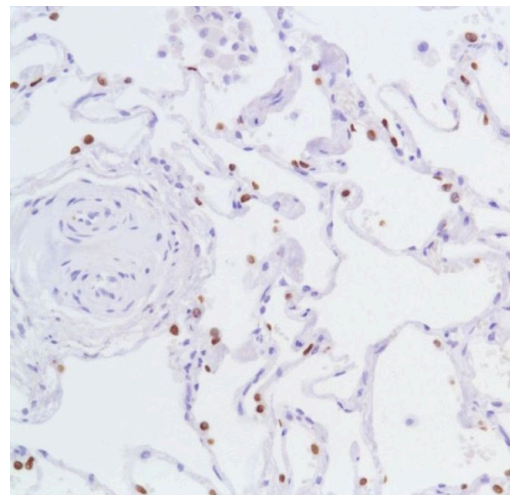
Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	8G7G3/1
Conjugate	Unconjugated
Immunogen	Rat TTF-1 recombinant protein.
Form	Liquid
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2537925

Applications	Tested Dilution	Publications
Western Blot (WB)	-	2 Publications
Immunohistochemistry (IHC)	-	36 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50	2 Publications
Immunohistochemistry (Frozen) (IHC (F))	1:50	-
Immunocytochemistry (ICC/IF)	-	2 Publications
Flow Cytometry (Flow)	20 µg/10 ⁶ cells	-
Gel Shift (GS)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is normal thyroid or lung tissue.

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



Nkx2.1 Antibody (MA5-16406) in IHC

Immunohistochemical analysis of TTF-1 using anti-TTF-1 Monoclonal Antibody (Product # MA5-16406) in Lung Cancer Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:50.

Western Blot (2)

<p>Oncogene</p> <p>TTF-1/NKX2-1 binds to DDB1 and confers replication stress resistance to lung adenocarcinomas.</p> <p>"MA516406 was used in western blot to identify interacting proteins of TTF-1 and their role in lung adenocarcinoma cell survival."</p> <p>Authors: Liu Z,Yanagisawa K,Griesing S,Iwai M,Kano K,Hotta N,Kajino T,Suzuki M,Takahashi T</p>	<p>Year 2017</p> <p>Species Human</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>"MA5-16406 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>

Immunohistochemistry (36)

<p>Anticancer research</p> <p>Influence of thyroid transcription factor-1 on fluorodeoxyglucose uptake and prognosis of non-small cell lung cancer.</p> <p>"MA5-16406 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 & molecular morphology : AIMM</p> <p>In search of the ideal immunopanel to distinguish metastatic mammary carcinoma from primary lung carcinoma: a tissue microarray study of 207 cases.</p> <p>"MA5-16406 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>

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

- IHC (P) (2)
- ICC/IF (2)
- GS (1)
- Misc (1)

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