Phospho-Nkx2.1 (Ser23) Polyclonal Antibody

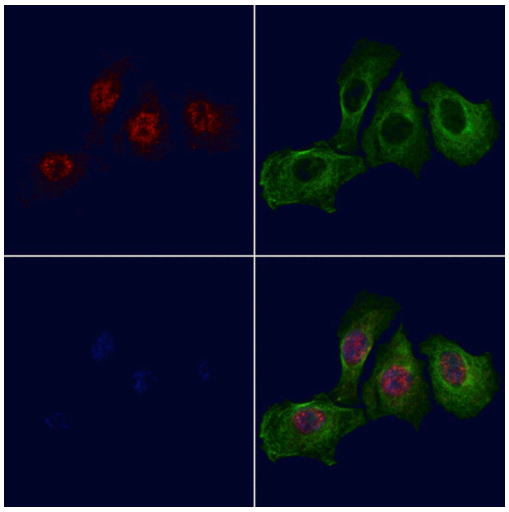
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human NKX2-1(Accession P43699), corresponding to amino acid residues around phosphorylated Ser23.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816750

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:200	-

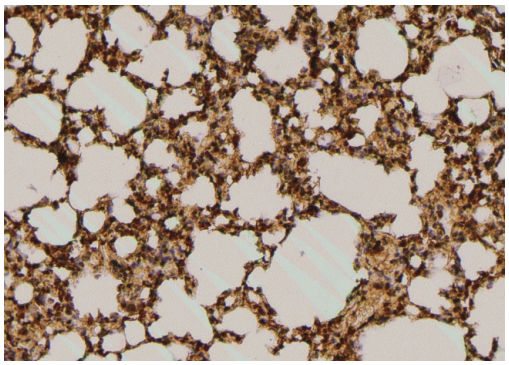
Product Specific Information

Antibody detects endogenous levels of TTF1 only when phosphorylated at Ser23.

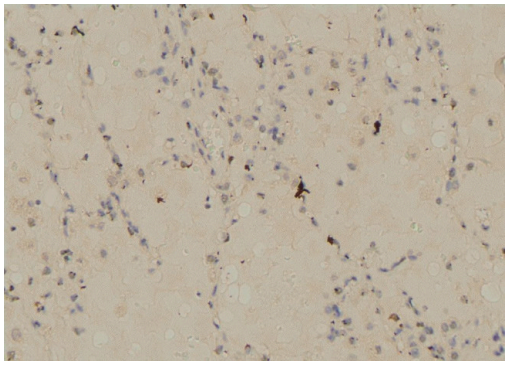
Product Images For Phospho-Nkx2.1 (Ser23) Polyclonal Antibody



Phospho-Nkx2.1 (Ser23) Antibody (PA5-105322) in ICC/IF
Immunofluorescent analysis of Phospho-Nkx2.1 (Ser23) in HeLa cells(4h of LPS treatment). Samples were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100, blocked with 10% serum (45 min at 25°C), incubated with mouse anti-beta tubulin and Phospho-Nkx2.1 (Ser23) polyclonal antibody (Product # PA5-105322) using a dilution of 1:200 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 (red) and goat anti-mouse IgG Alexa Fluor 488 (green).



Phospho-Nkx2.1 (Ser23) Antibody (PA5-105322) in IHC (P)
Immunohistochemistry analysis of paraffin-embedded Phospho-Nkx2.1 (Ser23) in mouse lung tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-Nkx2.1 (Ser23) polyclonal antibody (Product # PA5-105322) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



Phospho-Nkx2.1 (Ser23) Antibody (PA5-105322) in IHC (P)
Immunohistochemistry analysis of paraffin-embedded Phospho-Nkx2.1 (Ser23) in human lung tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-Nkx2.1 (Ser23) polyclonal antibody (Product # PA5-105322) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.

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