

# Product Datasheet

## NKX3.1 Antibody (4H4)

### NBP1-51609

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-51609**

NKX3.1 Antibody (4H4)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4H4
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Ascites
<b>Buffer</b>	Ascites
<b>Target Molecular Weight</b>	26.3 kDa

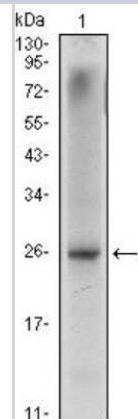
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse NKX3.1 Antibody (4H4) (NBP1-51609) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-NKX3.1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4824
<b>Gene Symbol</b>	NKX3-1
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human NKX3.1 expressed in E. Coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:1000

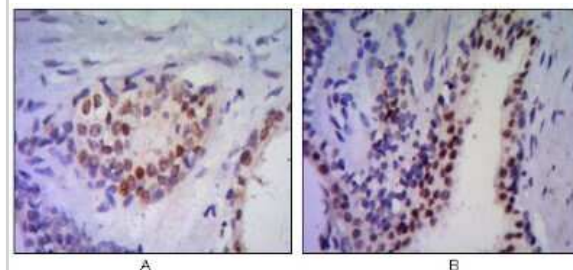


## Images

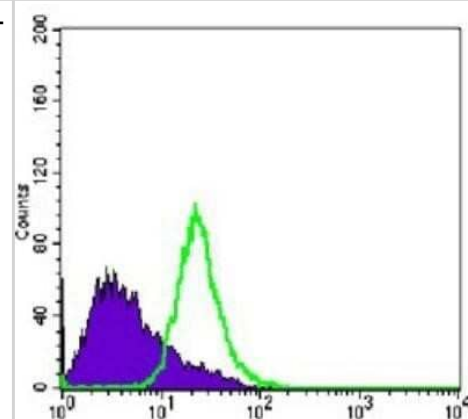
Western Blot: NKX3.1 Antibody (4H4) [NBP1-51609] - Analysis using NKX3A mouse mAb against LNCaP (1) cell lysate.



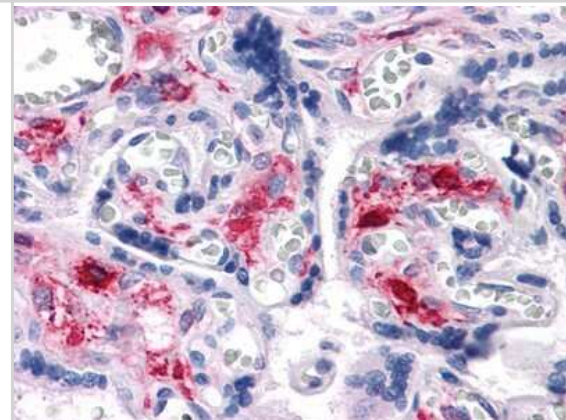
Immunohistochemistry-Paraffin: NKX3.1 Antibody (4H4) [NBP1-51609] - Analysis of human prostata tissues (A, B) using anti-NKX3A antibody with DAB staining.



Flow Cytometry: NKX3.1 Antibody (4H4) [NBP1-51609] - Analysis of PC-3 cells using anti-NKX3A mAb (green) and negative control (purple).



Immunohistochemistry-Paraffin: NKX3.1 Antibody (4H4) [NBP1-51609] - Analysis of human Liver tissues using NKX3A mAb



**Publications**

Mol Biol Rep. 37(3):1505-12. 2010-03-01 [PMID: 19462257]

Exp Biol Med (Maywood). 233(3):297-309. 2008-03-01 [PMID: 18296735]

Jiang A, Yu C, Zhang P et al. p53 overexpression represses androgen-mediated induction of NKX3.1 in a prostate cancer cell line. Exp Mol Med. 38(6):625-33. 2006-12-31 [PMID: 17202838]





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### **Products Related to NBP1-51609**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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### **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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