

Product Name: NKX3A Mouse Monoclonal Antibody**Catalog #: AMM80833**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	26.3kDa

Antigen Information

Gene Name	NKX3A
Alternative Names	NKX3; BAPX2; NKX3A; NKX3.1; NKX3-1
Gene ID	4824.0
SwissProt ID	Q99801
Immunogen	Purified recombinant fragment of human NKX3A expressed in E. Coli.

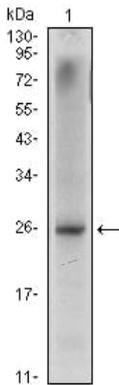
Background

Nkx3.1 is a transcription factor that may play an important role in regulating proliferation of glandular epithelium and in the formation of ducts in the prostate. It has been thought to be one of the target genes of the 8p21 loss of heterozygosity, common in prostate cancer. But neither disruption of the coding region of the gene, nor mutations have been found in prostate

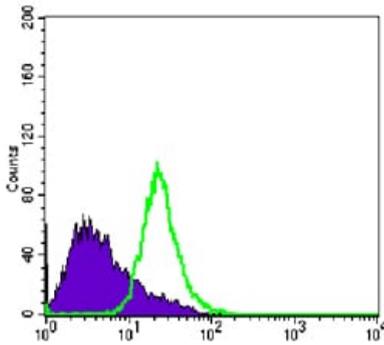
cancer.

Research Area

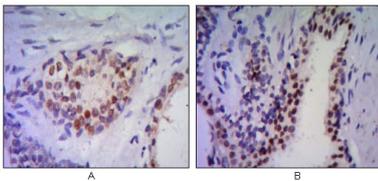
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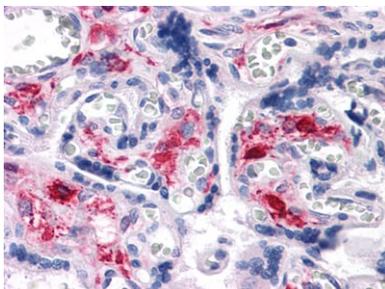
Western blot analysis using NKX3A mouse mAb against LNCaP (1) cell lysate.



Flow cytometric analysis of PC-3 cells using anti-NKX3A mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human prostata tissues (A, B) using anti-NKX3A antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded human Liver tissues using NKX3A mAb