

## NKX3A Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA4675
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2b
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human NKX3A expressed in E. Coli.
<b>Mol wt</b>	26.3kDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,IHC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	NKX3;BAPX2;NKX3A;NKX3.1;NKX3-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

### Recommended Dilution

WB: 1:500 - 1:2000

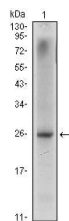
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

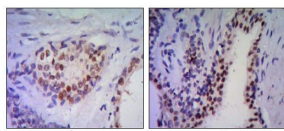
ELISA: 1:10000

Not yet tested in other applications.

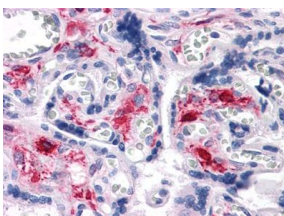
### Images



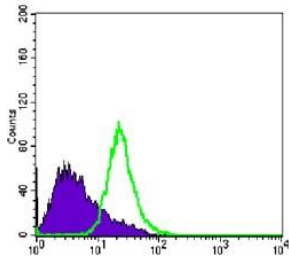
Western blot analysis using NKX3A mouse mAb against LNCaP (1) cell lysate.



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



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

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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