

Nkx-3.1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0945
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Nkx-3.1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, FCM, ELISA
Concentration	1 mg/ml
Full name	Homeobox protein Nkx-3.1
Synonyms	NKX3-1; NKX3.1; NKX3A; Homeobox protein Nkx-3.1; Homeobox protein NK-3 homolog A

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

Background

This gene encodes a homeobox-containing transcription factor. This transcription factor functions as a negative regulator of epithelial cell growth in prostate tissue. Aberrant expression of this gene is associated with prostate tumor progression. Alternate splicing results in multiple transcript variants of this gene.

Recommended Dilution

ELISA: 1:10000

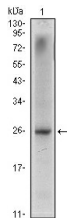
FC: 1:200 - 1:400

IHC: 1:200 - 1:1000

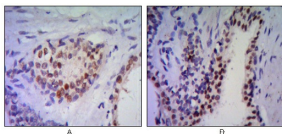
WB: 1:500 - 1:2000

Not yet tested in other applications.

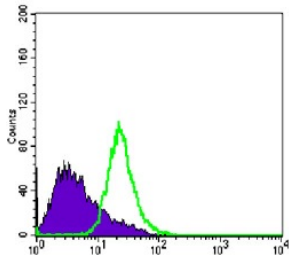
Images



Western Blot analysis using Nkx-3.1 Monoclonal antibody against LNCaP (1) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human prostate tissues (A, B) with DAB staining using Nkx-3.1 Monoclonal antibody.



Flow cytometric analysis of PC-3 cells using Nkx-3.1 Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

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