ALPHA DIAGNOSTIC INTERNATIONAL

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Product Specification Sheet

Cat. #MA-30027 | Mouse Monoclonal Anti Human NKX3A; Ascites | SIZE : 100 ul

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.

Source of Antigen and Antibodies

Antigen	Purified recombinant fragment of human NKX3A expressed in E. Coli.
Ab Host/type	Balb/c **mouse**. IgG1 Ascetic fluid containing 0.05% sodium azide.
2-Ab	Goat Anti-mouse IgG-HRP conjugate Cat # 40320 (AP, biotin, FITC conjugates also available)
-ve control IgG	Cat # 20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as –ve control

Isotype controls:

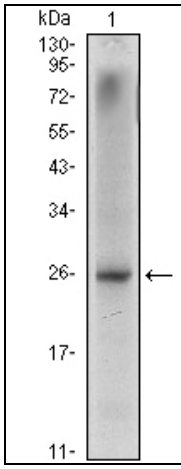
Catalog#	Product Description
20102-101	Mouse IgG1 isotype control, purified
20102-101-APC	Mouse IgG1-APC conjugate (isotype control)
20102-101-B	Mouse IgG1-Biotin conjugate (isotype control)
20102-101-F	Mouse IgG1-FITC conjugate (isotype control)
20102-101-FP	Mouse IgG1-FITC-PE conjugate (isotype control)
20102-101-HP	Mouse IgG1-HRP conjugate (isotype control)
20102-101-PC5	Mouse IgG1-PE-Cy5 conjugate (isotype control)
20102-101-PE	Mouse IgG1-PE conjugate (isotype control)

Suggested Dilutions:

Western blot	1:500 – 1:2000
Immunohistochemistry (IHC):	1:200 – 1:1000
Immunocytochemistry (ICC):	N/A
Flow cytometry (FCM):	1:200 – 1:1000
ELISA	1:5000 – 1:100000

Form: Antibodies are supplied in PBS, pH 7.5, 0.05% azide and 0.1% BSA in liquid (0.5-1 mg/ml) or lyophilized in the same buffer. Reconstitute powder in 100 ul water or PBS. Store at -20ºC or below is suitable size Aliquotes.

Shipping: 4ºC for solutions and room temp for powder.



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

References:

Exp Mol Med. 2006 Dec 31;38(6):625-33. Exp Biol Med (Maywood). 2008 Mar;233(3):297-309. .Mol Biol Rep. 2010 Mar;37(3):1505-12.

**All products are for In vitro research use only.*

Related material available from ADI

MA-30027 120402A

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