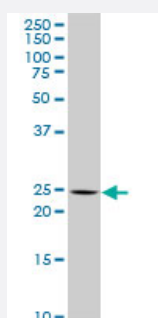


NKX3-1 monoclonal antibody (M02), clone 1C7

Catalog # H00004824-M02

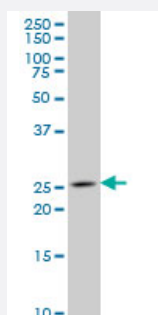
Size 100 ug

Applications



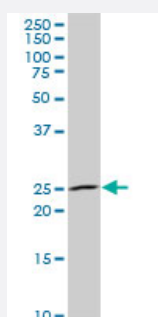
Western Blot (Cell lysate)

NKX3-1 monoclonal antibody (M02), clone 1C7. Western Blot analysis of NKX3-1 expression in Raw 264.7 (Cat # L024V1).



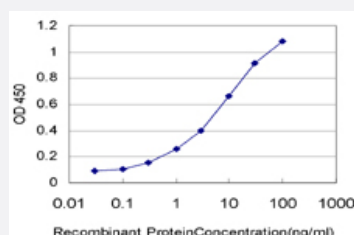
Western Blot (Cell lysate)

NKX3-1 monoclonal antibody (M02), clone 1C7 Western Blot analysis of NKX3-1 expression in NIH/3T3 (Cat # L018V1).



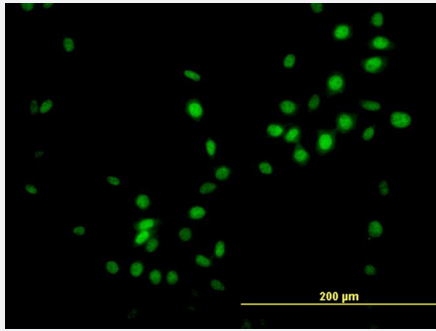
Western Blot (Cell lysate)

NKX3-1 monoclonal antibody (M02), clone 1C7. Western Blot analysis of NKX3-1 expression in PC-12 (Cat # L012V1).



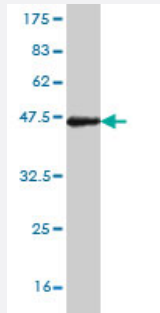
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NKX3-1 is approximately 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NKX3-1 on NIH/3T3 cell.
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NKX3-1.
Immunogen	NKX3-1 (NP_006158, 100 a.a. ~ 209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GSYLLDSENTSGALPRLPQTPKQPQKRSRAAFSHTQVIELERKFESHQKYSAPER AHLAKNLKLT ETQVKIWFQNNRRYKTKRKQLSSELGDLEKHSSLPALKEEAFSRAS
Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

NKX3-1 monoclonal antibody (M02), clone 1C7. Western Blot analysis of NKX3-1 expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

NKX3-1 monoclonal antibody (M02), clone 1C7 Western Blot analysis of NKX3-1 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

NKX3-1 monoclonal antibody (M02), clone 1C7. Western Blot analysis of NKX3-1 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NKX3-1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NKX3-1 on NIH/3T3 cell. [antibody concentration 10 ug/ml]

Gene Info — NKX3-1

Entrez GeneID	4824
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GeneBank Accession#	NM_006167
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Protein Accession#	NP_006158
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Gene Name	NKX3-1
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Gene Alias	BAPX2, NKX3, NKX3.1, NKX3A
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Gene Description	NK3 homeobox 1
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Omim ID	602041
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Gene Ontology

[Hyperlink](#)

Gene Summary

The homeodomain-containing transcription factor NKX3-1 is a putative prostate tumor suppressor that is expressed in a largely prostate-specific and androgen-regulated manner. Loss of NKX3-1 protein expression is a common finding in human prostate carcinomas and prostatic intraepithelial neoplasia.[supplied by OMIM]

Other Designations

NK homeobox, family 3, A|NK3 transcription factor homolog A|NK3 transcription factor related, locus 1|OTTHUMP00000123534

Pathway

- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)