

Datasheet: VMA00387

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|----------------------|-------------------------|
| Description: | MOUSE ANTI NKX3-1 |
| Specificity: | NKX3-1 |
| Format: | Purified |
| Product Type: | PrecisionAb™ Monoclonal |
| Clone: | UMAB195 |
| Isotype: | IgG2a |
| Quantity: | 100 µl |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

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|--------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Mouse monoclonal antibody purified by affinity chromatography from ascites |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.09% Sodium Azide (NaN ₃) |
| Stabilisers | 1% Bovine Serum Albumin 50% Glycerol |
| Immunogen | Full length recombinant human NKX3-1 (NP_006158) produced in <i>E.coli</i> |
| External Database Links | UniProt: Q99801 Related reagents Entrez Gene: 4824 NKX3-1 Related reagents |
| Synonyms | NKX3.1, NKX3A |

Specificity **Mouse anti Human NKX3-1 antibody** recognizes homeobox protein NKX3-1, also known as NK homeobox, family 3, A, NK3 transcription factor homolog A, NK3 transcription factor related, locus 1 and homeobox protein NKX3.1.

Encoded by the NKX3-1 gene, this transcription factor functions as a negative regulator of epithelial cell growth in prostate tissue. Aberrant expression of NKX3-1 is associated with prostate tumor progression. Alternate splicing results in multiple transcript variants of NKX3-1 (provided by RefSeq, Jan 2012).

Mouse anti NKX3-1 antibody detects a band of 32 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti NKX3-1 detects a band of approximately 32 kDa in LNCaP cell lysates

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Shelf Life As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10048 available at:
Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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