Recombinant Homeobox protein Nkx-3.1 Antibody

Mouse Monoclonal Antibody [Clone rNKX3.1/6305]

Catalog No	Format	Size
4824-MSM15-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4824-MSM15-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4824-MSM15-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	rNKX3.1/6305
Immunogen	Recombinant fragment (around aa 92-224) of human NKX31 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	26.35kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Highly expressed in the prostate and, at a lower level, in the testis

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Homeobox protein Nkx-3.1 Antibody

Specificity & Comments

Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. Plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. Acts as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to inhibit proliferation and invasion activities of PC-3 prostate cancer cells.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.