

Product datasheet for **AM20465SU-N**

Nkx3.1 (NKX3-1) Mouse Monoclonal Antibody [Clone ID: 4H4]

Product data:

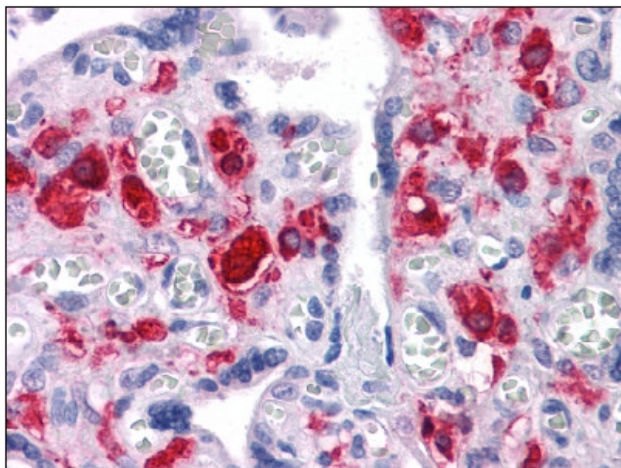
Product Type:	Primary Antibodies
Clone Name:	4H4
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	ELISA: Flow Cytometry: 1/200 - 1/400. Immunohistochemistry on Paraffin Sections: 1/200. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant fragment of Human NKX3A expressed in E. coli.
Specificity:	Recognizes NK Homeobox Family 3A (NKX3A/NKX3-1).
Formulation:	State: Ascites State: Ascites fluid containing 0.03% Sodium Azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	NK3 homeobox 1
Database Link:	Entrez Gene 4824 Human Q99801
Background:	The Nkx3.1 gene is an androgen regulated prostate-specific homeobox gene, located on chromosome 8p21. In mice the homologue Nkx3.1 is exclusively expressed in prostate epithelium. In humans, Nkx3.1 expression is also restricted to the prostate. Many data show that Nkx3.1 expression is highly, but not exclusively, specific for the prostate.
Synonyms:	NKX3.1, NKX3A
Protein Families:	Druggable Genome, Transcription Factors



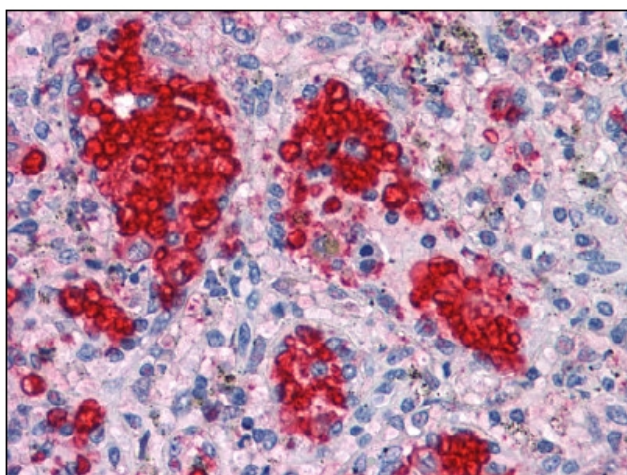
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Protein Pathways: Pathways in cancer, Prostate cancer

Product images:



Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)