

Mouse NKX2.2 Monoclonal Antibody | anti-NKX2-2 antibody

NKX2.2 (Neuroendocrine & Ewing Sarcoma Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62621	Mouse	Human, Mouse, Rat, Chicken	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

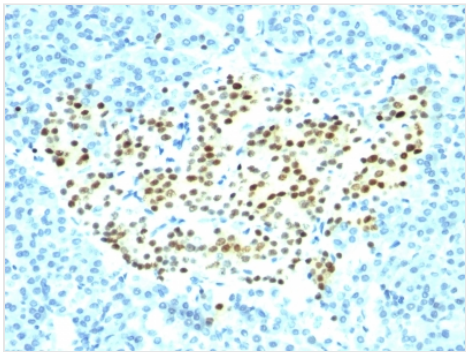
PRODUCT SYNONYMS

NKX2.2; Monoclonal Antibody; NKX2.2 (Neuroendocrine & Ewing Sarcoma Marker) Mouse Monoclonal Antibody; Homeobox protein NK-2 homolog B; NK2 transcription factor like protein B; NK2 transcription factor related locus 2; NKX22; Nkx2b; tinman; anti-NKX2-2 antibody

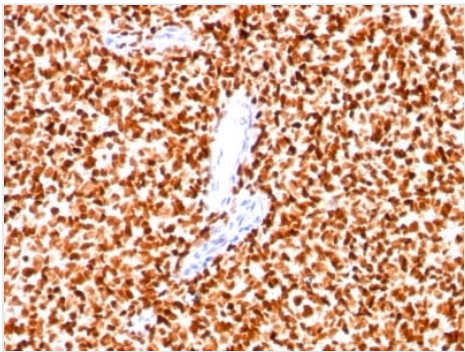
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Chicken
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	SPM564
Specificity	Expression of NKX2.2 has been found in neuroendocrine tumors of the gut, making it a potential marker for the study of gastrointestinal neuroendocrine tumors. More recently, NKX2.2 protein was identified as a target of EWS-FLI-1, the fusion protein specific to Ewing'sarcoma, and was shown to be differentially upregulated in Ewing'sarcoma on the basis of array-based gene expression analysis. It acts as a valuable marker for Ewing'sarcoma, with a sensitivity of 93% and a specificity of 89%, and aids in the differential small round cell tumors.
Purity/Purification	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G
Form/Format	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Als.
Sequence Length	273
Applicable Applications for anti-NKX2-2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Nuclear
Immunogen	Human NKX2.2 recombinant protein
Hu-Chromosome Location	20p11.22
Positive Control	Pancreas or Ewing sarcoma
Preparation and Storage	Antibody with azide, store at 2 to 8°C. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed paraffin-embedded human Pancreas stained with NKX2.2 Monoclonal Antibody (SPM564).



IHC (Immunohistochemistry)
Formalin-fixed paraffin-embedded human Ewing-s sarcoma stained with NKX2.2 Monoclonal Antibody (SPM564).

ADDITIONAL INFORMATION

References	Wang, Y.C. et al. (2009) Endocr Relat Cancer 16, 267-79. Yoshida A et. al. Am J Surg Pathol. 2012;36(7):993-9
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505401
NCBI GeneID	4821
NCBI Accession #	NP_002500.1
NCBI GenBank Nucleotide #	NM_002509.3
UniProt Accession #	O95096
Molecular Weight	40-50kDa
NCBI Official Full Name	homeobox protein Nkx-2.2
NCBI Official Synonym Full Names	NK2 homeobox 2
NCBI Official Symbol	NKX2-2
NCBI Official Synonym Symbols	NKX2B; NKX2.2
NCBI Protein Information	homeobox protein Nkx-2.2
UniProt Protein Name	Homeobox protein Nkx-2.2
UniProt Gene Name	NKX2-2
UniProt Synonym Gene Names	NKX2.2; NKX2B
UniProt Entry Name	NKX22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nkx22-antibody-clone-spm564-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62621>