

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

NKX2.2 (Neuroendocrine & Ewing's Sarcoma Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214470	Rabbit	Human. Others not known.	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

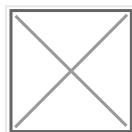
PRODUCT SYNONYMS

NKX2.2; Monoclonal Antibody; NKX2.2 (Neuroendocrine & Ewing's Sarcoma Marker); 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

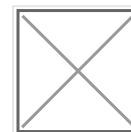
Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	NX2/1422R
Specificity	Expression of NKX2.2 has been found in neuroendocrine tumors of the gut, making it a potential marker for the study of gastrointestinal neuroendocrine tumors. More recently, NKX2.2 protein 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.
Form/Format	200ug/ml of Ab purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	273
Applicable Applications for anti-NKX2.2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human NKX2.2 protein
Cellular Localization	Nuclear
Hu-chromosome Location	20p11.22
Positive Control	Pancreas or Ewings sarcoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified NKX2.2 Rabbit Recombinant Monoclonal Antibody (NX2/1422R).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Ewing's Sarcoma stained with NKX2.2 Rabbit Recombinant Monoclonal Antibody (NX2/1422R).

ADDITIONAL INFORMATION

References	Yoshida A et. al. Am J Surg Pathol. 2012; 36(7):993-9. Wang, Y.C. et al. (2009)Endocr Relat Cancer16, 267-79.
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505401
NCBI GeneID	4821
NCBI Accession #	NP_002500.1
NCBI GenBank Nucleotide #	NM_002509.3
UniProt Accession #	O95096; P19338
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/nkx22-antibody-clone-nx2-1422r-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/214470>