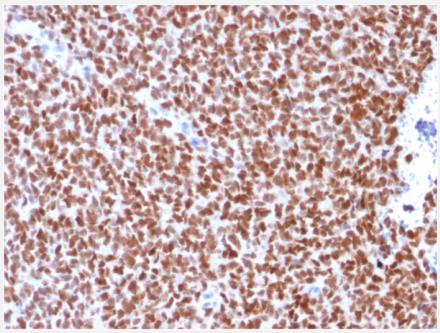
RecomAb™ Sm Size

NKX2-2 recombinant monoclonal antibody, clone rNX2/294

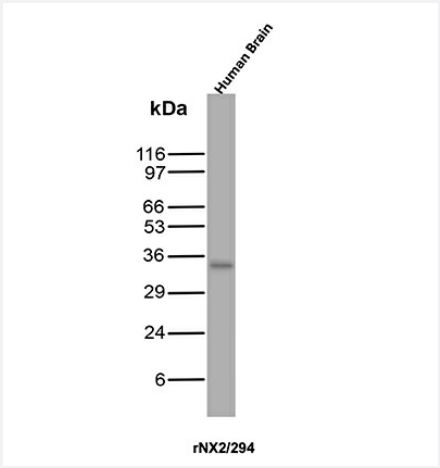
Catalog # RAB08775 Size 20 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ewing's sarcoma with NKX2-2 recombinant monoclonal antibody, clone rNX2/294 (Cat # RAB08775).



Western Blot

Western Blot Analysis of Human Brain tissue lysate using NKX2-2 recombinant monoclonal antibody, clone rNX2/294 (Cat # RAB08775).

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human NKX2-2.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human NKX2-2.
Reactivity	Human

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Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ewing's sarcoma with NKX2-2 recombinant monoclonal antibody, clone rNX2/294 (Cat # RAB08775).

- Western Blot

  Western Blot Analysis of Human Brain tissue lysate using NKX2-2 recombinant monoclonal antibody, clone rNX2/294 (Cat # RAB08775).

Gene Info — NKX2-2

Entrez GeneID	4821
Protein Accession#	O95096
Gene Name	NKX2-2
Gene Alias	NKX2.2, NKX2B
Gene Description	NK2 homeobox 2
Omim ID	604612
Gene Ontology	Hyperlink

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Gene Summary	The protein encoded by this gene contains a homeobox domain and may be involved in the morp hogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, an d these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor. [provided by RefSeq
Other Designations	NK-2 homolog B|NK2 transcription factor related, locus 2|NK2 transcription factor-like protein B|O TTHUMP00000030405|homeobox protein NK-2 homolog B

Pathway

- Maturity onset diabetes of the young

Disease

- Diabetes Mellitus

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