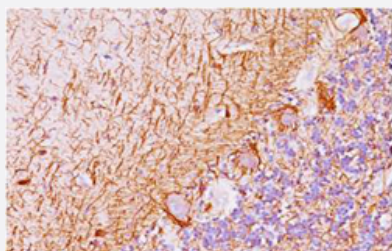


# NKX2-2 monoclonal antibody, clone SPM564

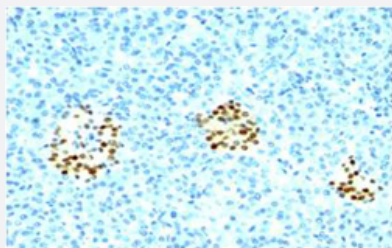
Catalog # MAB12120      Size 100 ug

## Applications



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

Immunohistochemical staining of human Ewing's sarcoma with NKX2-2 monoclonal antibody, clone SPM564 (Cat # MAB12120).



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

Immunohistochemical staining of human pancreas with NKX2-2 monoclonal antibody, clone SPM564 (Cat # MAB12120).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against NKX2-2.
<b>Immunogen</b>	Recombinant protein corresponding to human NKX2-2.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG2b, kappa

<b>Recommend Usage</b>	Immunohistochemistry (0.5-1 ug/mL) Western blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% BSA, 0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)  
Immunohistochemical staining of human Ewing's sarcoma with NKX2-2 monoclonal antibody, clone SPM564 (Cat # MAB12120).
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)  
Immunohistochemical staining of human pancreas with NKX2-2 monoclonal antibody, clone SPM564 (Cat # MAB12120).

## Gene Info — NKX2-2

<b>Entrez GeneID</b>	<a href="#">4821</a>
<b>Protein Accession#</b>	<a href="#">O95096</a>
<b>Gene Name</b>	NKX2-2
<b>Gene Alias</b>	NKX2.2, NKX2B
<b>Gene Description</b>	NK2 homeobox 2
<b>Omim ID</b>	<a href="#">604612</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and 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](#)