

Datasheet for ABIN6940199

**anti-Nkx2-2 antibody**

## 4 Images

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## Overview

Quantity:	100 µg
Target:	Nkx2-2
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nkx2-2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Human full-length recombinant NKX2.2 protein
Clone:	NX2-294
Isotype:	IgG2b kappa
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 diagnosis of small round cell tumors.
Purification:	Purified by Protein A/G

## Target Details

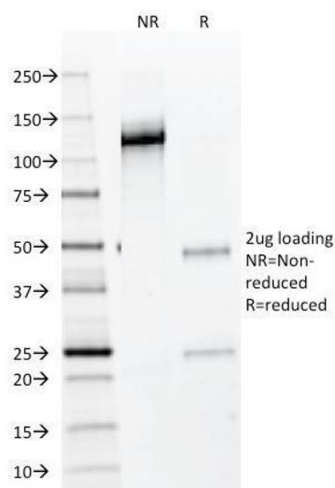
Target:	Nkx2-2
Alternative Name:	NKX2-2 ( <a href="#">Nkx2-2 Products</a> )
Molecular Weight:	40-50kDa
Gene ID:	4821
UniProt:	<a href="#">O95096</a>
Pathways:	<a href="#">Dopaminergic Neurogenesis</a>

## Application Details

Application Notes:	Positive Control: Pancreas or Ewing's sarcoma. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

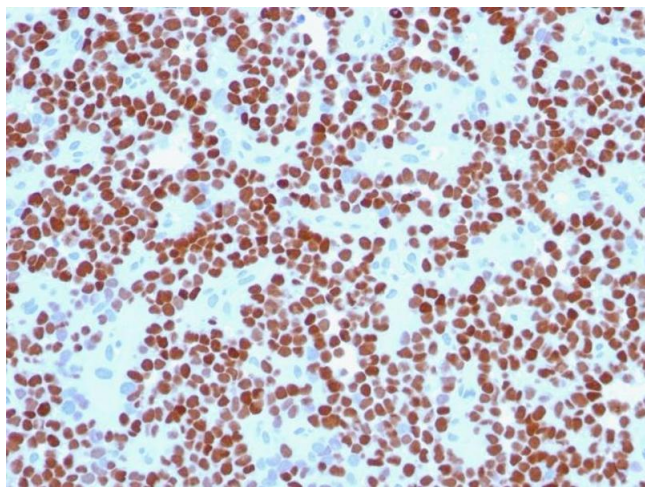
## Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



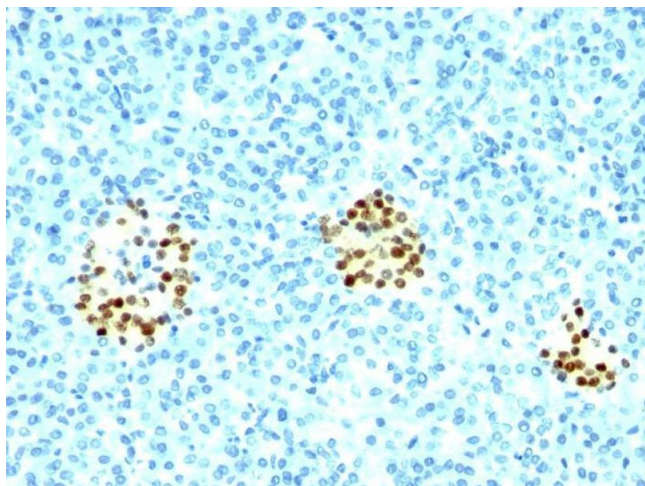
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified NKX2.2 Mouse Monoclonal Antibody (NX2/294).



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Ewing's Sarcoma stained with NKX2.2 Mouse Monoclonal Antibody (NX2/294).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Pancreas stained with NKX2.2 Mouse Monoclonal Antibody (NX2/294).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6940199.