antibodies.com

# Datasheet for ABIN6940206 anti-Nkx2-2 antibody (AA 1-119)

2 Images



#### Overview

Quantity:	100 µg
Target:	Nkx2-2
Binding Specificity:	AA 1-119
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Nkx2-2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant human NKX2.2 protein fragment (around aa1-119) (exact sequence is proprietary)
Clone:	NX2-2198R
lsotype:	lgG
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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6940206 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

## Product Details

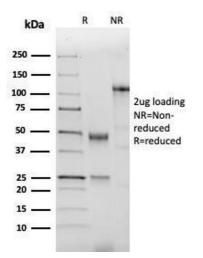
Purification:

## Purified by Protein A/G

# Target Details

Target:	Nkx2-2
Alternative Name:	NKX2-2 (Nkx2-2 Products)
Molecular Weight:	40-50kDa
Gene ID:	4821
UniProt:	095096
Pathways:	Dopaminergic Neurogenesis
Application Details	
Application Notes:	Positive Control: Pancreas or Ewing's sarcoma.
	Known Application: Immunohistochemistry (Formalin-fixed) (1-2 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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6940206 | 09/10/2023 | Copyright antibodies-online. All rights reserved.



#### SDS-PAGE

**Image 1.** SDS-PAGE Analysis of Purified NKX2.2 Rabbit Recombinant Monoclonal Antibody (NX2/2198R).

#### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Ewing's Sarcoma stained with NKX2.2 Rabbit Recombinant Monoclonal Antibody (NX2/2198R).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6940206 | 09/10/2023 | Copyright antibodies-online. All rights reserved.