

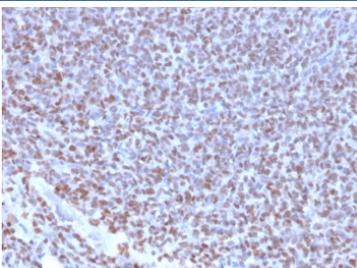
## Recombinant NKX2.2 Antibody / Rabbit Monoclonal [clone NX2/2198R] (V3668)

Catalog No.	Formulation	Size
V3668-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3668-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3668SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3668IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	NX2/2198R
<b>Purity</b>	Protein A affinity chromatography
<b>Gene ID</b>	4821
<b>Localization</b>	Nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This recombinant NKX2.2 antibody is available for research use only.



IHC testing of FFPE Ewings sarcoma with recombinant NKX2.2 antibody (clone NX2/2198R). HIER: steam sections in 10mM citrate buffer, pH 6.0, for 10-20 min.

## Description

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. Antibody to NKX2.2 detects 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.

## Application Notes

Titration of the recombinant NKX2.2 antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

A human partial recombinant protein (within amino acids 1-119) was used as the immunogen for this recombinant NKX2.2 antibody.

## Storage

Store the recombinant NKX2.2 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).