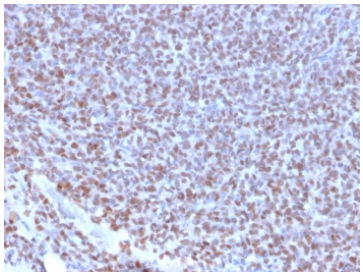
Recombinant NKX2.2 Antibody / Rabbit Monoclonal [clone NX2/2198R] (V3668)

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

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	NX2/2198R
Purity	Protein A affinity chromatography
Gene ID	4821
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	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

Titering 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 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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