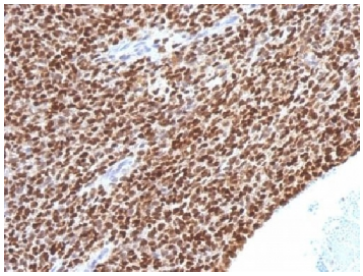
NKX2.2 Antibody [clone NX2/1524] (V3362)

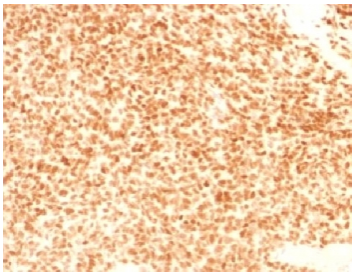
Catalog No.	Formulation	Size
V3362-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3362-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3362SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	NX2/1524
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	O95096
Gene ID	4821
Localization	Nuclear
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This NKX2.2 antibody is available for research use only.



IHC testing of FFPE Ewings sarcoma with NKX2.2 antibody (clone NX2/1524). HIER: steam sections in 10mM citrate buffer, pH 6, for 10-20 min.



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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. 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.

Application Notes

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

Immunogen

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

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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