Catalog # 4821-RBM8
Product Datasheet

Recombinant NKX2.2 (Neuroendocrine & Ewing's Sarcoma Marker) Antibody

Rabbit Monoclonal Antibody [Clone NX2/2198R]

Catalog No	Format	Size
4821-RBM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4821-RBM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4821-RBM8-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

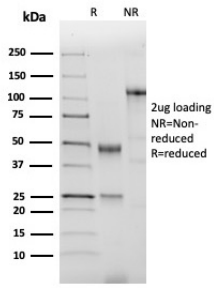
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

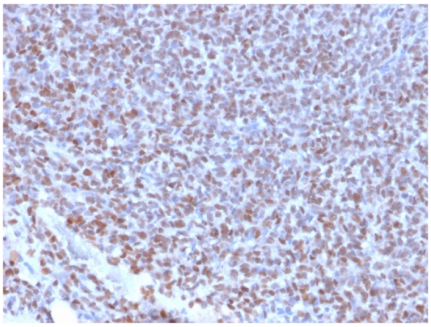
Clone	NX2/2198R
Immunogen	Recombinant fragment (around aa1-119) of the human NKX2.2 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	30.13kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Pancreas or Ewing's sarcoma.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant NKX2.2 (Neuroendocrine & Ewing's Sarcoma Marker) Antibody



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



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

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.