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

Catalog No	Format	Size
4821-RBP5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4821-RBP5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4821-RBP5-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

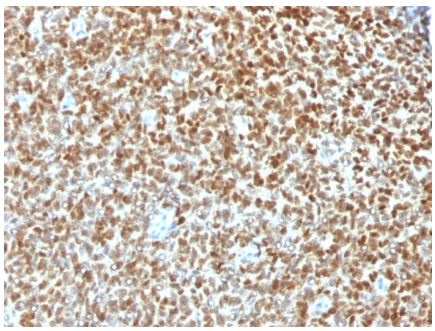
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Gene Name	NKX2-2
Immunogen	Recombinant human NKX2.2 protein fragment
Host	Rabbit
Clonality	Polyclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	40-50kDa
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 NKX2.2 (Neuroendocrine & Ewing's Sarcoma Marker) Antibody



Formalin-fixed, paraffin-embedded human Ewing's Sarcoma stained with NKX2.2 Rabbit Polyclonal Antibody.

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 Purified by Protein A. 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.

Research Areas
Autophagy, Cardiovascular, Developmental Biology, Neural Stem Cells, Neuroscience, Stem Cell Differentiation

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.