

## 36-1519: Monoclonal Antibody to NKX2.2 (Neuroendocrine & Ewing's Sarcoma Marker)(Clone : NX2/294)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	NX2/294
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Mouse, Human
<b>Gene :</b>	NKX2-2
<b>Gene ID :</b>	4821
<b>Uniprot ID :</b>	O95096
<b>Format :</b>	Purified
<b>Alternative Name :</b>	NKX2-2,NKX2.2,NKX2B
<b>Isotype :</b>	Mouse IgG2b, kappa
<b>Immunogen Information :</b>	Human full-length recombinant NKX2.2 protein

### Description

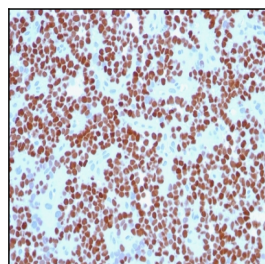
Expression of NKX2.2 has been found in neuroendocrine tumors of the gut, making it a potential marker for the study of gastrointestinal neuroendocrine tumors. More recently, NKX2.2 protein was identified as a target of EWS-FLI-1, the fusion protein specific to Ewing sarcoma, and was shown to be differentially 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.

### Product Info

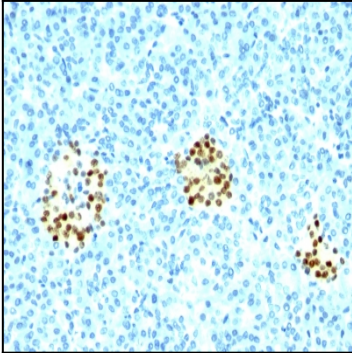
<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

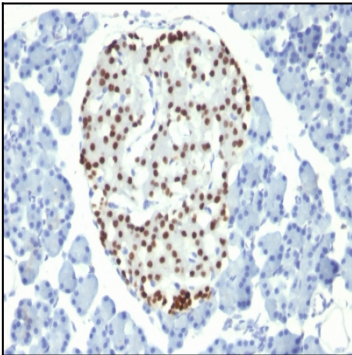
Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Ewing's Sarcoma stained with NKX2.2 Monoclonal Antibody (NX2/294).



Formalin-fixed, paraffin-embedded human Pancreas stained with NKX2.2 Monoclonal Antibody (NX2/294).



Formalin-fixed, paraffin-embedded Rat Pancreas stained with NKX2.2 Monoclonal Antibody (NX2/294).