

# Anti-NKX2.2 recMAb™ Antibody

CATALOG NO.: A2200-100 (100 µg)

**BACKGROUND DESCRIPTION:** The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor.

**ALTERNATE NAMES:** NKX2B, NKX2-2

**ANTIBODY TYPE:** Monoclonal

**CLONE:** rNX2/294

**CONCENTRATION:** 1 mg/ml

**HOST/ISOTYPE:** Mouse / IgG1, kappa

**IMMUNOGEN:** Recombinant full-length human NKX2.2 protein

**MOLECULAR WEIGHT:** 40 kDa

**PURIFICATION:** Protein A/G purified

**FORM:** Liquid

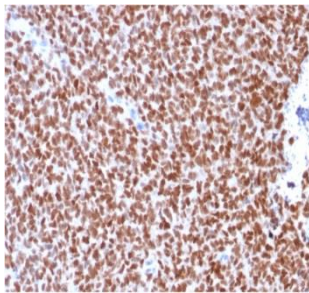
**FORMULATION:** In 10 mM PBS

**SPECIES REACTIVITY:** Human, Mouse, Rat, Chicken

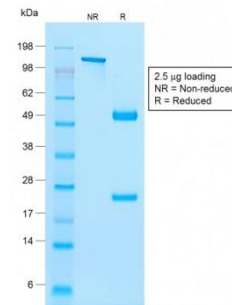
**STORAGE CONDITIONS:** Store at -20°C. Avoid freeze/thaw cycles

**APPLICATIONS AND USAGE:** IHC (1-2 µg/ml)

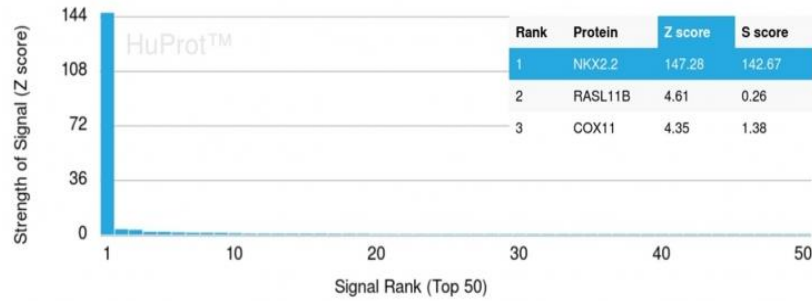
**This information is only intended as a guide. The optimal dilutions must be determined by the user**



Immunohistochemical analysis of paraffin embedded formalin fixed human Ewing's sarcoma using Anti-NKX2.2 recMAb™ antibody.



SDS-PAGE analysis to confirm the purity and integrity of Anti-NKX2.2 recMAb™ antibody.



Protein Array analysis of > 19,000 full-length human proteins on HuProt™ array using the Anti-NKX2.2 recMAb™ Antibody. Protein array data is represented in the form of the Z-score and S-score. Z-score denotes signal strength of a monoclonal antibody (in conjugation with fluorescently-tagged anti-IgG secondary antibody) which it produces when binding to a particular protein on an array. S-score denotes the specificity of a monoclonal antibody relative to the target protein. S-score is calculated as the difference between the Z-scores. If the S-score is > 2.5, then the monoclonal antibody is specific to its target protein of interest.

#### RELATED PRODUCTS:

DNMT3A polyclonal antibody (6849)  
 Anti-SHH Antibody (A1695)  
 Anti-HDAC1 (KO Validated) Antibody (A2121)  
 Anti-OLIG2 Antibody (A1656)

**FOR RESEARCH USE ONLY! Not to be used on humans.**