

NKX2.2 (ZR438)

Rabbit monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Human recombinant NKX2.2 protein fragment (aa1-119)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: NKX2.2 (ZR438) Rabbit monoclonal primary antibody detects NKX2.2 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain NKX2.2 protein.

Localization: Nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

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. NKX2.2 expression is considerably elevated in Ewing sarcoma with a sensitivity of 93% and a specificity of 89%.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Yoshida A, et al. Am J Surg Pathol. 2012; 36:993-9.
2. Smith R, et al. Cancer Cell. 2006; 9:405-16.
3. Hung Y, et al. Mod Pathol. 2016; 29:370-80.



Z2794RL-R/ Z2794RS-R/ Z2794RT-R/ Z2794RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)