

Mouse anti-Human Nerve Growth Factor Receptor (NGFR)

Clone MRQ-21

Cat. no. MON 3320

Specificity

Nerve growth factor receptor (NGFR), also known as p75NTR, is a 75-kDa glycoprotein member of the tumor necrosis factor (TNF) receptor family essential for embryonic development of the peripheral nervous system. In normal tissue, NGFR is expressed in neural crest derived cells, lymphoid follicular dendritic cells seen in lymph nodes and tonsils, and myoepithelial cells of the breast, prostate, and salivary gland as well as basal epithelium of the respiratory system. NGFR has been shown to be a reliable adjunct marker for melanoma, specifically desmoplastic and spindle cell variants. Anti-NGFR labels myoepithelial cells of the breast and may aid in the differentiation between benign conditions, pre-invasive neoplastic lesions and invasive malignancies of the breast.

Immunoglobulin type

Mouse IgG1

Use

This antibody can be used in IHC Paraffin sections (1:100 – 1:500)

Presentation

1 ml supernatant in Tris Buffer, pH 7.3-7.7, with 1% BSA and <0.1% Sodium Azide

References

- Thompson SJ. Am J Clin Pathol. 1989; 92:415-23.
- Reis-Filho JS, et al. Mod Pathol. 2006; 19:307-19.
- Lazova R, et al. J Am Acad Dermatol. 2010; 63:852-8.
- Kanik AB, et al. J Cutan Pathol. 1996; 23:205-10.

Storage

Store antibody at 2-8°C until expiry date.

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