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36-3304: Anti-p73 (Tumor Suppressor) Monoclonal Antibody(Clone: P73/2531)

Clonality: Monoclonal Clone Name: P73/2531 Application: IHC Reactivity: Human **TP73** Gene: Gene ID: 7161 **Uniprot ID:** O15350

Alternative Name: p53-like transcription factor; p53-related protein; p73; TP73; Tumor protein p73

Mouse IgG2b, kappa Isotype:

Immunogen Information: Recombinant full-length human TP73 protein

Description

The p53 gene is a widely studied anti-oncogene, or tumor suppressor gene. The p53 gene product can act as a negative regulator of cell growth in response to DNA damage. Mutations and allelic loss of the p53 gene have been associated with malignant transformation in a wide variety of human tumors. p53 shares considerable sequence similarity with p73, a gene that maps to a region in chromosome 1 that is frequently deleted in neuroblastomas. However, p73 does not appear to be activated by DNA damaging agents. The p73 isoform p73.

Product Info

Amount: $20 \mu g / 100 \mu g$

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with Content:

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is Storage condition:

stable for 24 months. Non-hazardous.

Application Note

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°C followed by cooling at RT for 20 minutes);

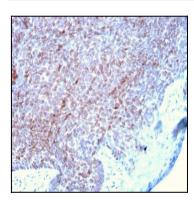


Fig. 1: Formalin-fixed, paraffin-embedded human Skin stained with p73 Mouse Monoclonal Antibody (P73/2531).



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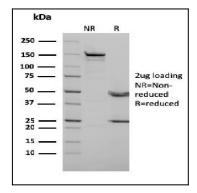


Fig. 2: SDS-PAGE Analysis Purified p73 Mouse Monoclonal Antibody (P73/2531). Confirmation of Purity and Integrity of Antibody.