

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P73/2531
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	TP73
<b>Gene ID :</b>	7161
<b>Uniprot ID :</b>	O15350
<b>Alternative Name :</b>	p53-like transcription factor; p53-related protein; p73; TP73; Tumor protein p73
<b>Isotype :</b>	Mouse IgG2b, kappa
<b>Immunogen Information :</b>	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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is 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);

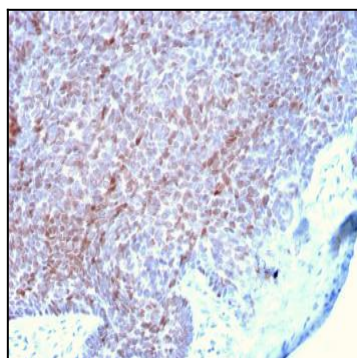


Fig. 1: Formalin-fixed, paraffin-embedded human Skin stained with p73 Mouse Monoclonal Antibody (P73/2531).

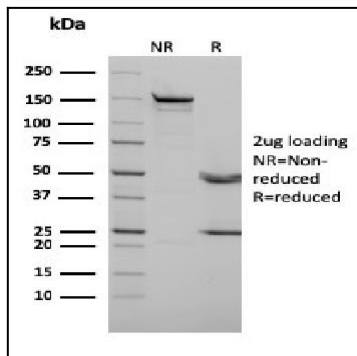


Fig. 2: SDS-PAGE Analysis Purified p73 Mouse Monoclonal Antibody (P73/2531). Confirmation of Purity and Integrity of Antibody.