

Datasheet for ABIN6940795

anti-Tumor Protein p73 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Tumor Protein p73 (TP73)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tumor Protein p73 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human TP73 protein
Clone:	P73-2531
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

Target Details

Target:	Tumor Protein p73 (TP73)
Alternative Name:	TP73 (TP73 Products)
Background:	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

Target Details

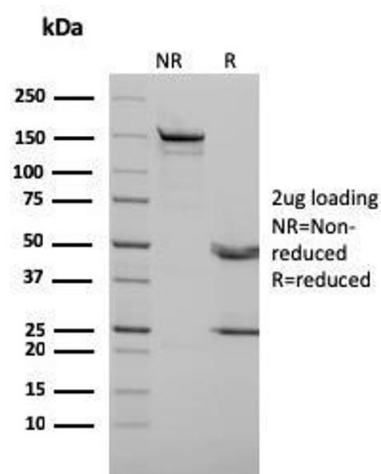
	maps to a region in chromosome 1 that is frequently deleted in neuroblastomas. However, p73 does not appear to be activated by DNA damaging agents. The p73 isoform p73.
Molecular Weight:	73kDa
Gene ID:	7161
UniProt:	O15350
Pathways:	Regulation of Cell Size , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Positive Control: HeLa, Jurkat, HEK293 cell lysates. Human kidney or bladder carcinoma. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

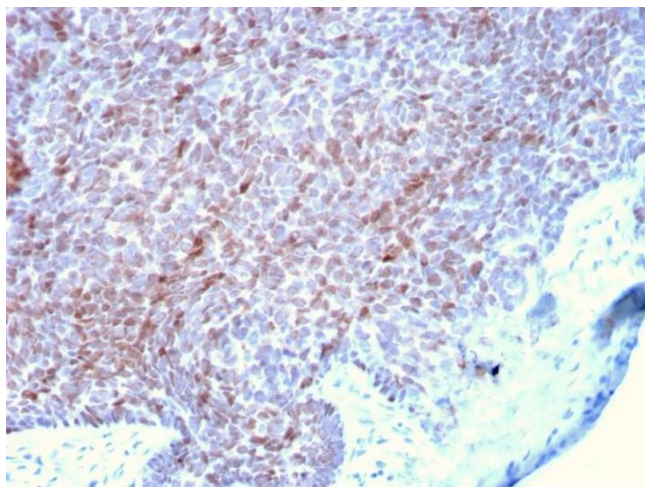
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	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. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified p73 Mouse Monoclonal Antibody (P73/2531). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Skin stained with p73 Mouse Monoclonal Antibody (P73/2531).