

Anti-p73/TP73 Antibody Picoband® Biotin Conjugated

Catalog Number: PB9235-Biotin

About TP73

p73, also known as tumor protein 73 (TP73), encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It is mapped to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Furthermore, recent findings are suggesting that over-expression of transcription factors involved in cell cycle regulation and synthesis of DNA in mammalian cells (e.g.: E2F-1) induces the expression of p73. In addition, p73 is a substrate of the c-Abl kinase and that the ability of c-Abl to phosphorylate p73 is markedly increased by gamma-irradiation.

Overview

Product Name	Anti-p73/TP73 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O15350

Technical Details

Immunogen	E.coli-derived human p73 recombinant protein (Position: M1-E198). Human p73 shares 96% amino acid (aa) sequence identity with mouse p73.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

2 Publications Citing This Product

1. PubMed ID: 15884108, Expression and clinical significance of TAp73?, p53, PCNA and apoptosis in hepatocellular carcinoma
2. PubMed ID: 20880063, Guo H, Nan K, Hu T, Meng J, Hui W, Zhang X, Qin H, Sui C. Hepatol Res. 2010 Nov;40(11):1107-16. Doi: 10.1111/J.1872-034X.2010.00721.X. Epub 2010 Sep 28. Prognostic Significance Of Co-Expression Of Nm23 And P57 Protein In Hepatocellular Carcinoma.

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