

Product datasheet for **TA336444**

p73 (TP73) Mouse Monoclonal Antibody [Clone ID: 5B789]

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 5B789 |
| Applications: | WB |
| Recommended Dilution: | WB: 1-3 ug/ml |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1, kappa |
| Clonality: | Monoclonal |
| Immunogen: | This antibody was raised against full-length human p73. IMG-260 reacts with an epitope that is located on the C-terminal region of human p73 only. It does not cross react with mouse p73 or with p53. |
| Formulation: | PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Concentration: | lot specific |
| Purification: | Protein G purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | tumor protein p73 |
| Database Link: | NP_005418 Entrez Gene 7161 Human O15350 |



[View online »](#)

Background:

p73 was identified as a long-lost cousin of tumor suppressor protein, p53 (4). p73 has high homology with p53 as well as with p63, a gene implicated in the maintenance of epithelial stem cells. Significant homology between p53, p63, and p73 (approximately 63% amino acid identity in the DNA-binding domain) suggest that they may have overlapping functions in the regulation of gene expression (3). The targeted disruption of p73 gene leads to defects hippocampal dysgenesis, hydrocephalus, chronic inflammation and infections (2). Recently, splicing variant mRNAs of p73 has been identified in MCF-7, a breast carcinoma cell line. These mRNAs code for variant p73 proteins bearing distinct carboxy-terminal structures suggesting that the carboxy-terminal region of p73 may be important for the functions of this protein (1).

Synonyms:

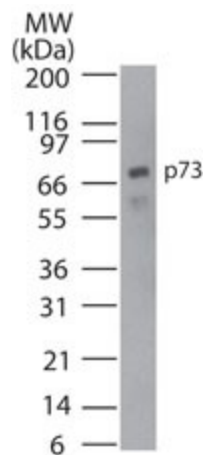
P73

Protein Families:

Druggable Genome, Transcription Factors

Protein Pathways:

Neurotrophin signaling pathway, p53 signaling pathway

Product images:

Western Blot: p73 Antibody (5B789) TA336444 - Analysis of p73 in Rh30 cell lysate using this antibody at 2 ug/ml.