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**Anti-p73**

Cat #: HM1272  
Mouse monoclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

The p53 gene is a widely studied tumor suppressor gene. It acts as a negative regulator of cell growth in response to DNA damage. p73 protein is a member of the p53 family of proteins. It shares a high degree of homology with p53, and appears to have similar growth inhibiting and apoptosis-promoting functions. p73 can activate the transcription of p53-responsive genes and inhibit cell growth in a p53-like manner by inducing apoptosis and cell cycle arrest. Despite the high degree of similarity between p53 and p73, p53 but not p73 interacts with adenovirus E1B 55K, simian virus 40 T, and human papilloma virus E6.

**SPECIFICITY**

This antibody specifically reacts with p73 of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

**IMMUNOGEN**

A synthetic peptide derived from N-terminus of human p73 protein.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

**REFERENCES**

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3. Stiewe, T., Stanelle, J., Theseling, C.C., Pollmeier, B., Beitzinger, M. and Putzer, B.M. 2003. Inactivation of retinoblastoma (RB) tumor suppressor by oncogenic isoforms of the p53 family member p73. *J. Biol. Chem.* 278, 14230-14236.

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