

p53 (2D10) monoclonal antibody

Catalog: MB3227

Host: Mouse

Reactivity: Human

BackGround:

Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 44 kDa; Observed MW: 53 kDa

Swiss-Prot:

P04637

Purification&Purity:

Affinity Purified

Applications:

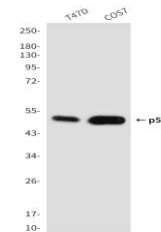
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

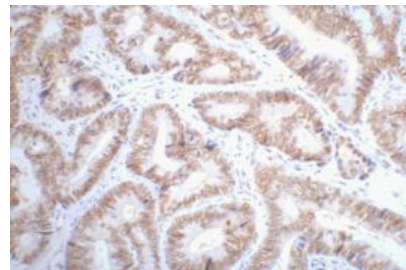
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

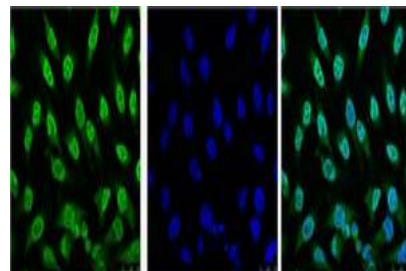
IgG1

DATA:

Immunofluorescence analysis of p53 in HeLa using p53 antibody and DAPI.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using p53 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of p53 in T47D and COS7 lysates using p53 antibody

Note:

For research use only, not for use in diagnostic procedure.

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