

## p53 monoclonal antibody

Catalog: MB11357

Host: Rabbit

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:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 44 kDa; Observed MW: 53 kDa

**Swiss-Prot:**

P04637

**Purification&Purity:**

Affinity Purified

**Applications:**

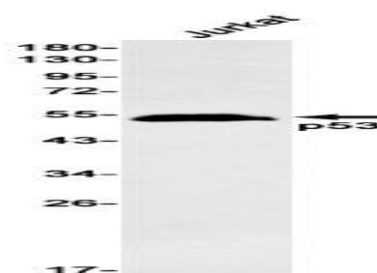
WB: 1/500-1/1000 IF: 1/50-1/200

**Storage&Stability:**

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

**Isotype:**

IgG

**DATA:**


Western blot analysis of p53 in Jurkat lysates using p53 antibody.

Immunocytochemistry analysis of p53 in MCF-7 using p53 antibody, and DAPI

**Note:**

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

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