

A10610

Leader in Biomolecular Solutions for Life Science



p53 Mouse mAb

Catalog No.: A10610

7 Publications

Basic Information

Observed MW

53kDa

Calculated MW

44kDa

Category

Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

CloneNo number

AMC0487

Background

This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277).

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7157

Swiss Prot

P04637

Immunogen

A synthetic peptide of human p53

Synonyms

P53; BCC7; LFS1; BMFS5; TRP53; p53

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG1

Purification

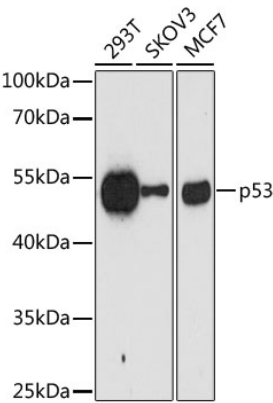
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using p53 Mouse mAb (A10610) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.Lysates/proteins: 25µg per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.