

## Recombinant

## p53 (BPM6168) Mouse mAb

db30148

Package : 100µL

**Product Name :** p53 (BPM6168) Mouse mAb**Cat.No.:** db30148**Synonyms :** P53; BCC7; LFS1; TRP53**Application :** IHC**Reactivity :** Human**Host species :** Mouse**Background**

p53 has been observed to act as both as a tumor-suppressor and transcription factor. By binding to DNA, the normal p53 negatively regulates cell growth and division. In case of DNA damage, p53 arrests the cell cycle until repair has taken place. In case repair is not possible, p53 induces apoptosis. p53 acts a two checkpoints in the cell cycle, between G1 and S, and between G2 and M, respectively.

**Immunogen**

Recombinant human wild type p53 protein was used as an immunogen

**Swiss Prot**

P04637

**Synonyms**

P53; BCC7; LFS1; TRP53

**Reactivity**

Human

**Application**

IHC

**Recommended dilution**

IHC: 1:100-1:200

**Calculated MW**

58 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

BPM6168

**Isotype**

IgG

**Purity**

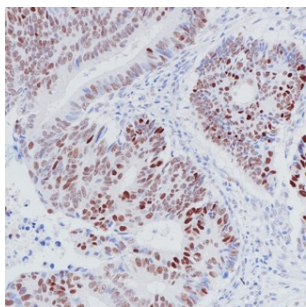
Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemistry of paraffin-embedded human colon cancer using p53 antibody at dilution of 1:200 (200x lens).