

## p53 (Clone DO-7) Mouse Monoclonal Antibody

**Specificity:** Human. Others not tested

**Immunogen:** Recombinant human wild type p53 protein expressed in E. coli.

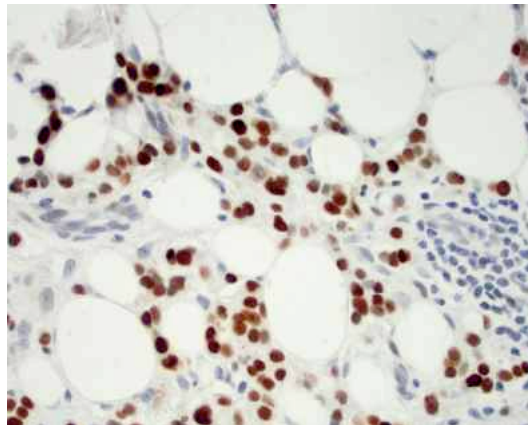
**Ig Class:** IgG2b $\kappa$

**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200; *Positive Control:* Colon carcinomas. *Cellular Localization:* Nuclear. *Intended Use:* In vitro diagnosis (IVD).

**Description:** p53 is a tumor suppressor gene expressed in a wide variety of tissue types and is involved in regulating cell growth, replication, and apoptosis. It binds to mdm2, SV40 T antigen and human papilloma virus E6 protein p53 senses DNA damage and possibly facilitating repair. Mutation involving p53 is found in a wide variety of malignant tumors, including breast, ovarian, bladder, colon, lung, and melanoma.

**Supplied As:** Tissue culture supernatant with 0.2% BSA and 15mM sodium azide.



*Formalin-fixed, paraffin-embedded human breast carcinoma infiltrating fat stained with anti-p53 antibody using peroxidase-conjugate and DAB chromogen. Note the nuclear staining of carcinoma cells*

**Cat. #Z2029 (1.0 ml)**

**ZETA** Corporation  
65 N 1<sup>st</sup> Ave, Ste 202C  
Arcadia, CA 91006, USA  
Tel: (626) 355-2053  
<http://www.zeta-corp.com>



Zeta Corporation



**Emergo Europe B.V.**  
Prinsessegracht 20  
2514 AP The Hague  
The Netherlands  
Tel: +31 70 345 8570