



## p53

Catalog # 10076.05 or .10 (0,5 ml or 1,0 ml concentrated)

Catalog # 10076.50 (5 ml ready to use)

### INTENDED USE

- **In Vitro:** This product is intended for qualitative immunohistochemistry on normal and neoplastic, formalin-fixed, paraffin-embedded tissue sections, to be analyzed by light microscopy. This antibody was tested both with manual application and the most popular automated immunostainers.
- **Description:** Anti-p53 (tumor suppressor protein) antibody recognizes a 53 kDa phosphoprotein, identified as p53 suppressor gene product. It reacts with the mutant as well as wild form of p53. Positive nuclear staining with this antibody has been shown to be a negative prognostic factor in breast carcinoma, lung carcinoma, colorectal, and urothelial carcinoma.
- **Expected Staining Pattern:** Nuclear
- **Positive Control:** Breast or colon carcinoma

### MATERIALS PROVIDED

- **p53 specific mouse monoclonal antibody** #10076, purified tissue culture supernatant, with 0.09% sodium azide.
- **Antibody Concentration:** Not known
- **Host:** Mouse
- **Epitope:** Not determined
- **Species Reactivity:** Human
- **Clone:** DO7
- **Ig Isotype / Light chain:** IgG2b/Kappa
- **Immunogen:** Not known
- **Sterility:** This product is not sterile.

### MATERIALS REQUIRED, BUT NOT PROVIDED

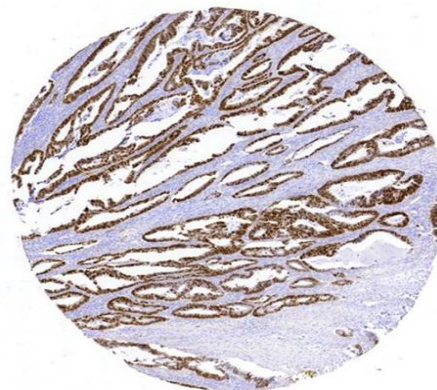
- Detection system
- Chromogen/substrate system

### METHODS AND PROCEDURES

- **Tissue Section Pretreatment:** Staining of formalin-fixed tissue sections requires treating in boiling 10mM citrate buffer, pH 6.0 for 10-20 minutes.
- **Recommended Pretreatment:**  
HISTOLS®-Citrate Buffer (cat#30010)  
HISTOLS®-Peroxidase Blocking Solution (cat# 30013)  
HISTOLS®-BBPS (Background Blocking Protein Solution) (cat# 30012)
- **Dilution of Concentrated Antibody:** 1/100 in antibody diluent (for informational purposes only), exact dilution must be determined by user.
- **Primary Antibody Incubation Time:** 60 minutes at RT.
- **Recommended Detection System:**  
HISTOLS®-MR (anti-mouse & rabbit Ig) (cat# 30011)
- **Visualization:** To detect antibody binding sites, follow the instructions provided with the visualization system.

### STORAGE AND STABILITY

This product contains sodium azide and is stable when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.



p53, colon carcinoma

**For Research Use Only**

