

## p53 Antibody

Catalog No: #P1022

Package Size: #P1022 0.1m

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

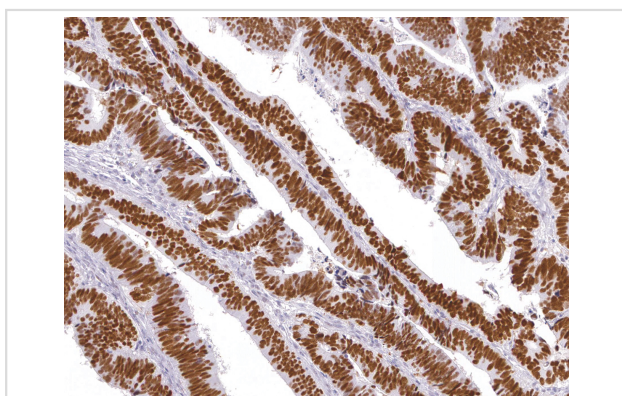
## Description

|                    |                                            |
|--------------------|--------------------------------------------|
| Product Name       | p53 Antibody                               |
| Host Species       | Mouse                                      |
| Clonality          | Monoclonal                                 |
| Clone No.          | IHC053                                     |
| Applications       | IHC                                        |
| Species Reactivity | Human                                      |
| Formulation        | Tris Buffer, pH 7.3 - 7.7, with 1% BSA and |
| Storage            | Store at 2-8C. Do not freeze.              |

## Application Details

Recommended working dilution range: 1:100 - 1:200

## Images



p53 Antibody (P1022) on Colon Cancer

## Product Description

p53, also known as tumor protein 53 or TP53, is a tumor suppressor and transcription factor that functions in a number of anti-cancer activities including DNA repair, cell-cycle arrest, and apoptosis in response to DNA damage or other stressors. Mutations in p53 are linked to a number of malignant tumors, including those of the breast, ovarian, bladder, colon, lung, and melanoma. Anti-p53 staining has been used to detect intratubular germ cell neoplasia, and also to distinguish between uterine serous carcinoma and endometrioid carcinoma.

## References

Stoehlmacker J, et al. *Oncol.* 2003; 30:10-16. Gallo O, et al. *Hum Pathol.* 2002; 33:708-714. Sano H, et al. *Cancer Res.* 1995; 55:3785-9. Denkert C, et al. *Cancer.* 2003; 97:2978-87. Sheehan KM, et al. *Hum Pathol.* 2003; 34:1242-1246. Moore BE, et al. *Appl Immunohistochem Mol Morphol.* 2001; 9:203-6. Mauri FA, et al. *Int J Oncol.* 1999; 15:1137-47. Caffo O, et al. *Clin Cancer Res.* 1996; 2:1591-9. Bebenek M, et al. *Anticancer Res.* 1998; 18:619-23. Midulla C, et al. *Anticancer Res.* 1999; 19:4033-7. Zen ZS, et al. *J Clin Oncol.* 1994; 12:2043-50. Quinlan DC, et al. *Cancer Res.* 1992; 53:4828-31. Alexiev BA, et al. *Gen Diagn Pathol.* 1997; 142:271-9.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.