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## 44-1060: Anti-p53 Monoclonal Antibody (Clone:IHC053)

Clonality: Monoclonal **Clone Name:** IHC053 Application: IHC Reactivity: Human Gene: TP53 Gene ID: 7157 **Uniprot ID:** P04637 Format: **Purified Alternative Name:** TP53,P53 Isotype: Mouse IgG2b

Immunogen Information: Recombinant Human p53

## **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.

## **Product Info**

**Amount:** 0.1 ml / 0.5 ml

**Purification:** Protein A/G Chromatography

**Content:** Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide

**Storage condition :** Store at 2°C - 8°C. Do not freeze.

## **Application Note**

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

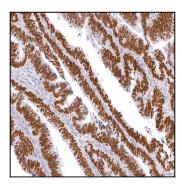


Figure 1: Immunohistochemical analysis of p53 (Clone: IHC053) on Colon Cancer