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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.

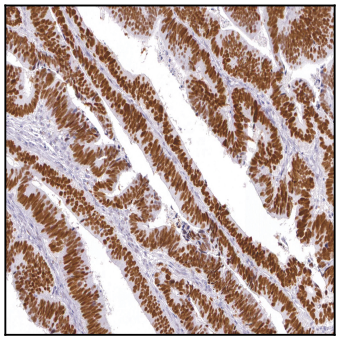


Figure 1: Immunohistochemical analysis of p53 (Clone: IHC053) on Colon Cancer

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