

Product datasheet for **TA327719**

p53 (TP53) Mouse Monoclonal Antibody [Clone ID: DO7]

Product data:

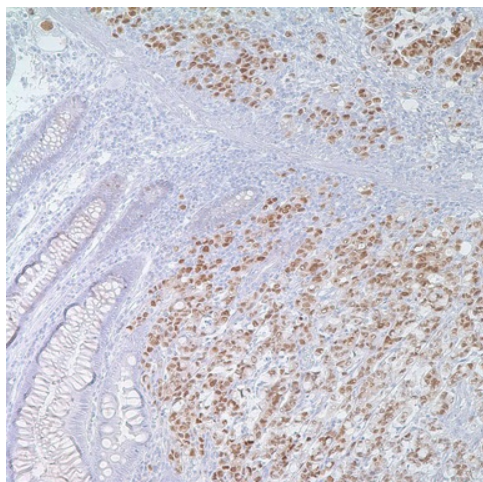
Product Type:	Primary Antibodies
Clone Name:	DO7
Applications:	IHC
Recommended Dilution:	IHC: 1:100 - 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Formulation:	This antibody is supplied as cell culture supernatant diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <0.1% sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor protein p53
Database Link:	NP_000537 Entrez Gene 7157 Human P04637
Synonyms:	BCC7; LFS1; P53; TRP53
Note:	Anti-p53 tumor suppressor protein recognizes a 53 kDa phosphoprotein, identified as a 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. Anti-p53 positivity has also been used to differentiate uterine serous carcinoma from endometrioid carcinoma as well as to detect intratubular germ cell neoplasia.
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors



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Protein Pathways:

Amyotrophic lateral sclerosis (ALS), Apoptosis, Basal cell carcinoma, Bladder cancer, Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, Glioma, Huntington's disease, MAPK signaling pathway, Melanoma, Neurotrophin signaling pathway, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer, Thyroid cancer, Wnt signaling pathway

Product images:

Immunohistochemistry staining of Paraffin Colon carcinoma tissue by p53 antibody (dilution: 1:100 - 1:500; visualization of staining: Nuclear)