

Anti-TP53 antibody (250-393 aa) [ABT-P53] (STJ197083)

STJ197083

GENERAL INFORMATION

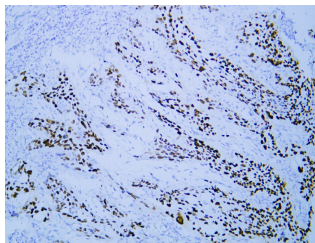
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Cellular tumor antigen p53 (250-393 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB/IHC/IF/ELISA
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

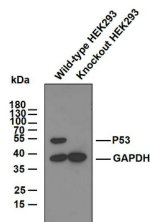
Clonality	Monoclonal
Clone ID	ABT-P53
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:500-2000 IHC 1:100-1:300 ELISA 1:20000 IF 1:50-200
Formulation	Liquid in PBS pH7.2, 0.03% Proclin 300, with stabilizing protein.
Isotype	IgG2ak
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

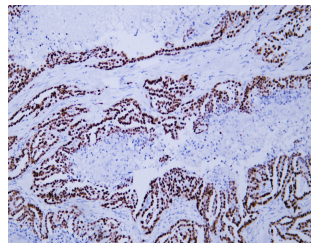
Gene ID	7157
Gene Symbol	TP53
Uniprot ID	P53_HUMAN
Immunogen	Synthesized peptide derived from the human P53 at the amino acid range 250-393
Immunogen Region	250-393 aa
Specificity	The antibody can recognize human wild type and mutant P53 protein. In western blotting of wild type HEK293 cell lysate, the antibody can label a 50 kDa band corresponding to P53, while there is no band
Immunogen Sequence	



Human esophageal squamous cell carcinoma tissue was stained with Anti-P53 (ABT-P53) Antibody



P53 knockout and wild-type HEK293 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-P53 and anti-GAPDH antibody. The HRP-conjugated anti-mouse IgG antibody was used to detect the antibody. Lane1: Wild type HEK293 whole cell lysate, 20ug; Lane2: P53 knockout HEK293 whole cell lysate, 20ug; Predicted band size: 53 kDa; Observed band size: 53 kDa



Human ovarian serous adenocarcinoma tissue was stained with Anti-P53 (ABT-P53) Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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