

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC/IF/ELISA
Host / Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

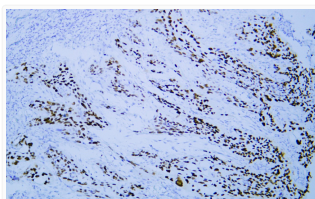
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:500-2000 IHC 1:100-1:300 ELISA 1:20000 IF 1:50-200
Formulation	Liquid in PBS pH7.2, 0.03% Proclin 300, with stabilizing protein.
Isotype	IgG2ak
Molecular Weight	Calculated: 53kD Observed: 53kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

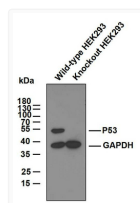
Gene ID	7157
Gene Symbol	TP53
UniProt ID	P53_HUMAN
Immunogen Region	250-393 aa
Specificity	The antibody can recognize human wild type and mutant P53 protein. In western blotting of wild type HEK293 cell lysate, the antibody can label a 50 kDa band corresponding to P53, while there is no band

ADDITIONAL INFORMATION

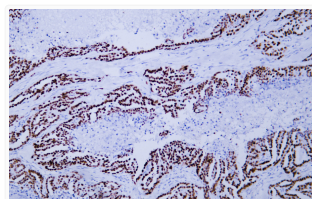
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



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