

Datasheet for ABIN7477547

Recombinant anti-p53 antibody[Go to Product page](#)**3** Images

Overview

Quantity:	1 mL
Target:	p53 (TP53)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant human full-length TP53 protein
Clone:	MSVA-053R
Isotype:	IgG

Target Details

Target:	p53 (TP53)
Alternative Name:	p53 (TP53 Products)
Background:	Antigen NY-CO-13, BCC7, Cellular Tumor Antigen p53, LFS1, TP53, Transformation Related Protein 53 (TRP53), Tumor Protein p53, Tumor Suppressor p53, p53 antibody validated for immunohistochemistry on 76 different Normal Tissues

Target Details

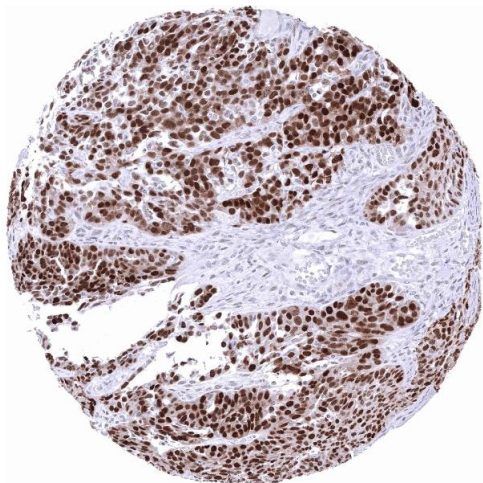
UniProt:	P04637
Pathways:	p53 Signaling , MAPK Signaling , PI3K-Akt Signaling , Apoptosis , AMPK Signaling , Chromatin Binding , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Hepatitis C , Protein targeting to Nucleus , Autophagy , Warburg Effect

Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Tonsil: More than 20 % of germinal centre B-cells must show a weak to moderate nuclear staining. Negative Control: Colon: Luminal epithelial cells must remain p53 negative.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

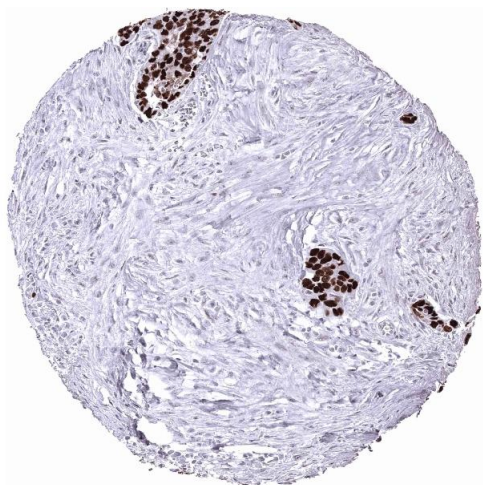
Handling

Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.



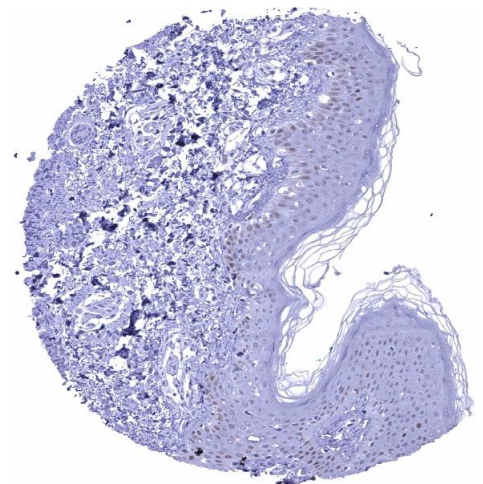
Immunohistochemistry

Image 1. Ovary Serous high grade carcinoma with strong nuclear p53 positivity of all tumor cells p53 immunohistochemistry



Immunohistochemistry

Image 2. Urinary bladder Strong nuclear p53 immunostaining of all tumor cells of a muscle invasive urothelial carcinoma p53 immunohistochemistry



Immunohistochemistry

Image 3. Skin Weak nuclear p53 immunostaining of a fraction of basal and suprabasal cells p53 immunohistochemistry scaled