

Datasheet for ABIN6383819

Recombinant anti-p53 antibody (AA 16-25)[Go to Product page](#)**4** Images

Overview

Quantity:	100 µg
Target:	p53 (TP53)
Binding Specificity:	AA 16-25
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	TP53
Immunogen:	Recombinant human full-length TP53 protein
Clone:	TP53-2092R
Isotype:	IgG
Purification:	By Protein A from bioreactor concentrate

Target Details

Target:	p53 (TP53)
Alternative Name:	TP53 (TP53 Products)

Target Details

Background:	Tumor protein p53, BCC7, LFS1, P53, TRP53, Cellular tumor antigen p53, Antigen NY-CO-13, Phosphoprotein p53, Tumor suppressor p53
Gene ID:	7157
UniProt:	P04737
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

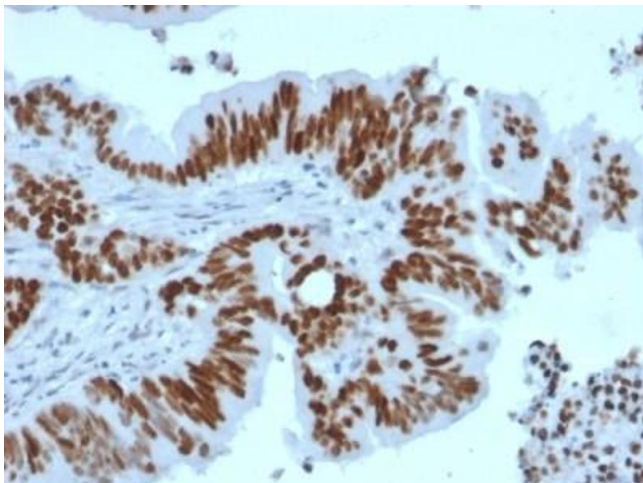
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	MDA-MB-231, breast or colon carcinoma
Restrictions:	For Research Use only

Handling

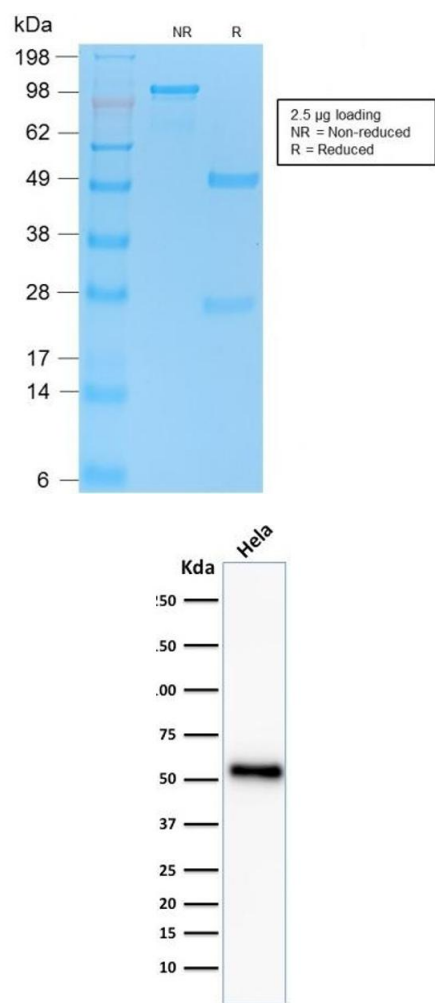
Concentration:	1 mg/mL
Buffer:	1 mg IgG/mL in PBS, 0.05 % azide
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage Comment:	For long term storage, keep small aliquots at -20°C or -80°C and keep one aliquot at 4°C for daily experimentations. Azide will preserve antibody at 4°C for 6-12 months, when kept away from direct sun light.

Images



Immunohistochemistry

Image 1. ABIN6383819 to TP53 was successfully used to stain human colon carcinoma sections. Recommended concentration: 0.3-1ug/ml;



SDS-PAGE

Image 2. SDS-PAGE Analysis of Purified TP53 Rabbit Recombinant Monoclonal Antibody ABIN6383819. Confirmation of Purity and Integrity of Antibody.; Integrity of the purified antibody ABIN6383819 under non-reduced and reduced conditions, showing intact IgG at around 100kDa (NR) and intact heavy and light chains at 50kDa and 25kDa resp. ®

Western Blotting

Image 3. ABIN6383819 to TP53 was successfully used to stain an approx. 53kDa band in lysates of cell line HeLa. Recommended concentration: 0.3-1ug/ml; Western Blot of a HeLa lysate (30ug) stained with TP53 Rabbit Recombinant Monoclonal Antibody ABIN6383819 at 0.5-1ug/ml (1h at ambient temp). ECL staining by HRP.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6383819.