

Datasheet for ABIN2704417
anti-p53 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	p53 (TP53)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-p53 Unconjugated Antibody
Immunogen:	SV40-transformed, 3T3 clone 4 mouse cells
Clone:	PAB122
Isotype:	IgG2b, kappa
Characteristics:	p53, a DNA-binding, oligomerization domain- and transcription activation domain-containing tumor suppressor, upregulates growth arrest and apoptosis-related genes in response to stress signals, thereby influencing programmed cell death, cell differentiation, and cell cycle control mechanisms. p53 localizes in the nucleus, yet can be chaperoned to the cytoplasm by the negative regulator, MDM2. p53 fluctuates between latent and active DNA-binding conformations and is differentially activated through post-translational modifications, including phosphorylation and acetylation.
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: p53 (TP53)

Alternative Name: p53 ([TP53 Products](#))

NCBI Accession: [NM_000546](#)

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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: PBS pH 7.2, 0.1 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

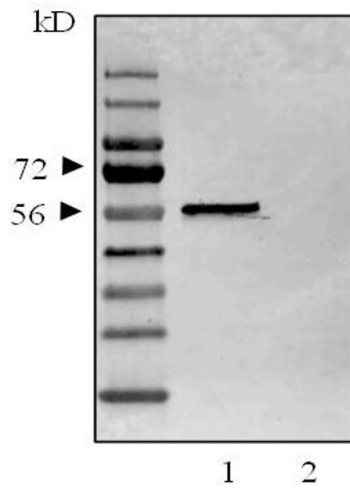


Image 1.