

# Anti-p53 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011400

## Product Information

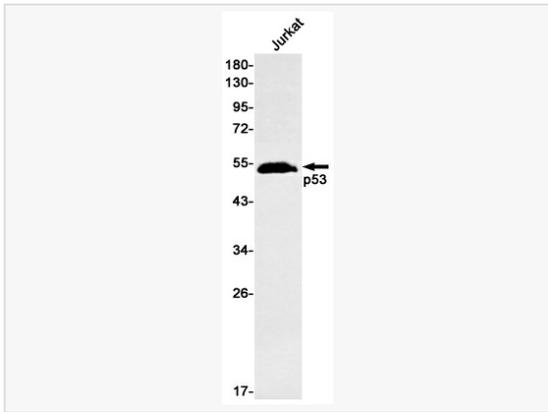
Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	12K17M78
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human p53
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-p53 antibody [12K17M78] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

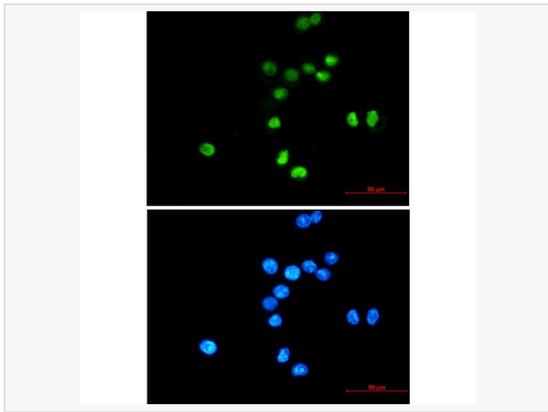
Synonyms	TP53, P53, Cellular tumor antigen p53, Antigen NY-CO-13, Phosphoprotein p53, Tumor suppressor p53.
Calculated MW	Calculated MW: 44 kDa; Observed MW: 53 kDa
Uniprot ID	P04637
Gene ID	7157
Background	Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

## Validation Images

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Western blot analysis of p53 in Jurkat lysates using p53 antibody.



Immunocytochemistry analysis of p53 (green) in MCF-7 using p53 antibody and DAPI (blue)