

Anti-p53 Antibody (8U839)

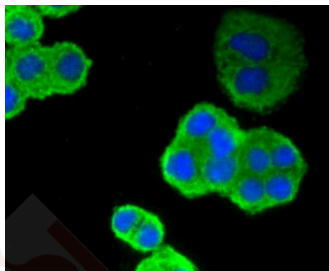
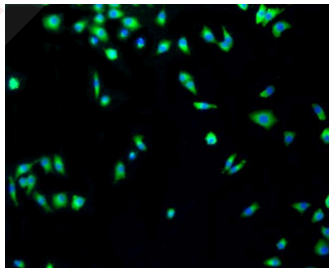
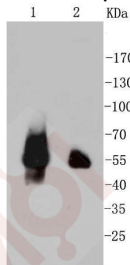
Product Details

Ig Type:	IgG
Reactivity:	Human,zebrafish
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 44/53 (Human), 41a (Zebrafish) kDa.
Clone:	8U839
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of p53 on different cell lysates using anti-p53 antibody at 1/1,000 dilution. Positive control: Lane 1: 293T, Lane 2: 293.
2. ICC staining p53 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
3. ICC staining p53 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Application:	ICC/IF,WB
Recommended	WB: 1:1000-5000; ICC/IF: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P04637

Research Background

The p53 tumor suppressor protein plays a major role in cellular response to DNA damage and other genomic aberrations. Activation of p53 can lead to either cell cycle arrest and DNA repair or apoptosis. It is involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro. P53 is found in increased amounts in a wide variety of transformed cells. P53 is frequently mutated or inactivated in about 60% of cancers.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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