Product Datasheet

p53 Rabbit mAb

Catalog No: #48599

Package Size: #48599-1 50ul #48599-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

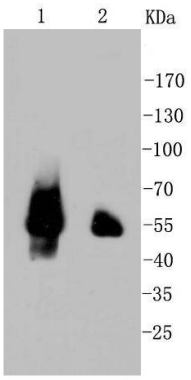
Description

Product Name	p53 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SA39-07
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu, Zebrafish
Immunogen Description	recombinant protein
Other Names	Antigen NY-CO-13 antibody BCC7 antibody Cellular tumor antigen p53 antibody FLJ92943 antibody LFS1 antibody Mutant tumor protein 53 antibody p53 antibody p53 tumor suppressor antibody P53_HUMAN antibody Phosphoprotein p53 antibody Tp53 antibody Transformation related protein 53 antibody TRP53 antibody Tumor protein 53 antibody Tumor protein p53 antibody Tumor suppressor p53 antibody
Accession No.	Swiss-Prot#:P04637
Uniprot	P04637
GeneID	7157;
Calculated MW	44/53 kDa (Human), 41kDa (Zebrafish)
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

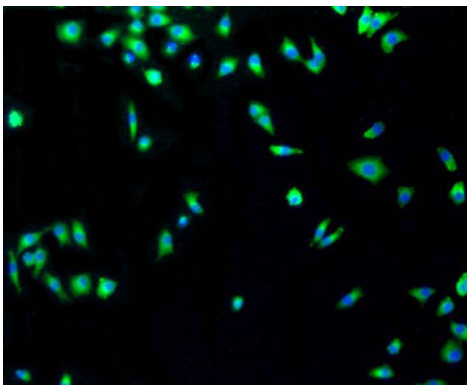
Application Details

WB: 1:1,000-5,000ICC: 1:50-1:200

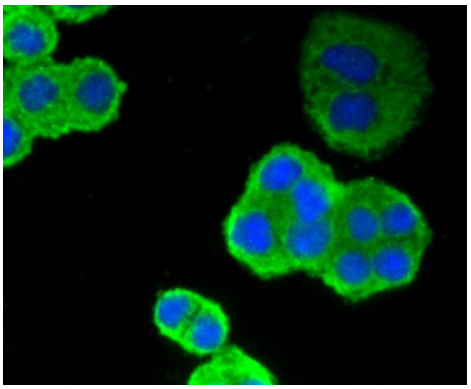
Images



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



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.



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.

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.

References

Note: This product is for in vitro research use only