

TP53(R282W)

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Cat. #: 26076

Gene Symbol: TP53

Description: Anti-TP53(R282W) Mouse Monoclonal Antibody

Background: p53 protein acts as a tumor suppressor in many tumor types and induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Defects in TP53 are found in many types of cancers.

Immunogen: Recombinant p53(R282W) protein, human origin.

Applications: ELISA, WB, IHC, IP

Recommended Dilutions:

ELISA: 1:1000-1:5000

WB: 1:1000-1:5000

IHC: 1:50-1:100

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG1

Purity: Purified from ascites

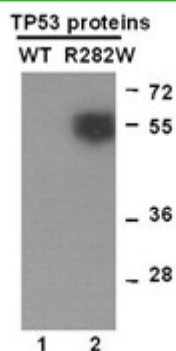
Preservative: No

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-TP53(R282W) antibody recognizes TP53(R282W) of vertebrates.

Storage Conditions: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing

Western blot:

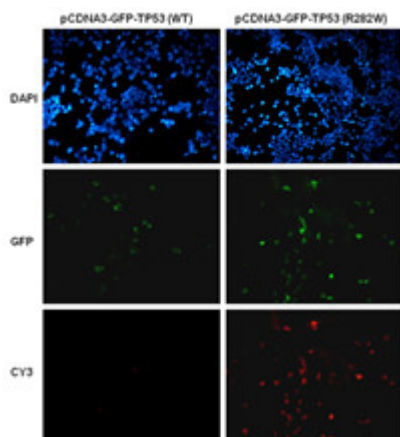


WB: Anti-TP53(R282W) mAb

Western blot analysis of recombinant TP53(R282W) and wild type p53 proteins.

Purified His-tagged TP53(R282W) protein (lane 2, Cat.#10204) and wild type p53 protein (lane 1, Cat.#10202) were blotted with anti TP53(R282W) mouse monoclonal antibody (Cat. # 26076).

Immunofluorescence:



Immunofluorescence of cells expressing TP53 proteins with anti-TP53 (R282W) antibody.

HEK293T cells were transfected with pCDNA3-GFP-TP53 (WT) plasmid (left column) or pCDNA3-GFP-TP53(R282W) plasmid (right column), then fixed and stained with anti- TP53 (R282W) monoclonal antibody (Cat. # 26076).