

Recombinant p53 Monoclonal Antibody

catalog number: E-AB-81592

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

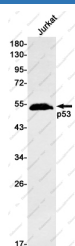
Reactivity	Human
Immunogen	Recombinant protein of human p53
Host	Rabbit
Isotype	Rabbit IgG
Clone	C373378
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:500-1:1000
IF	1:20-1:100

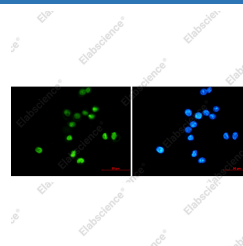
Data



Western blot detection of p53 in Jurkat cell lysates using p53 Rabbit mAb(1:500 diluted). Predicted band size: 44kDa. Observed band size: 53kDa.

Observed-MW: 53 kDa

Calculated-MW: 44 kDa



Immunofluorescence of p53 (green) in MCF-7 using p53 antibody at dilution 1:20, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

TP53, also named as P53 and NY-CO-13, belongs to the p53 family. It has 9 isoforms. In SDS-Page, the MW is about 53kd. TP53 acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. 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. The antibody reacts specifically with 53 kDa protein.

For Research Use Only

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