

Recombinant p53 Monoclonal Antibody

catalog number: **E-AB-81592**

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

Description

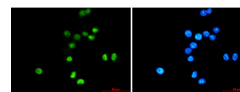
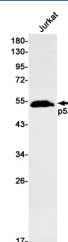
Reactivity	Human
Immunogen	Recombinant protein of human p53
Host	Rabbit
Isotype	IgG
Clone	R07-6A7
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

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.

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

Observed-MW:53 kDa

Calculated-MW:44 kDa

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.

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