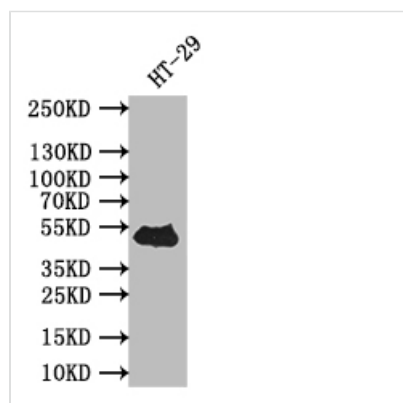




# TP53 Recombinant Monoclonal Antibody

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-RA024077MA1HU   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                           |
| <b>Uniprot No.</b>         | P04637  |
| <b>Immunogen</b>           | Recombinant Human TP53 protein  |
| <b>Species Reactivity</b>  | Human   |
| <b>Tested Applications</b> | ELISA, WB, IF, FC; Recommended dilution: WB:1:1000-1:5000, IF:1:20-1:200, FC:1:20-1:200 |
| <b>Form</b>                | Liquid  |
| <b>Conjugate</b>           | Non-conjugated  |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4        |
| <b>Purification Method</b> | Affinity-chromatography   |
| <b>Isotype</b>             | Rabbit IgG  |
| <b>Clonality</b>           | Monoclonal  |
| <b>Product Type</b>        | Recombinant Antibody  |
| <b>Immunogen Species</b>   | Homo sapiens (Human)  |
| <b>Research Area</b>       | Epigenetics and Nuclear Signaling;Cancer;Cell biology                                   |
| <b>Target Names</b>        | TP53  |
| <b>Clone No.</b>           | 16D9  |

## Image



### Western Blot

Positive WB detected in: HT-29 whole cell lysate

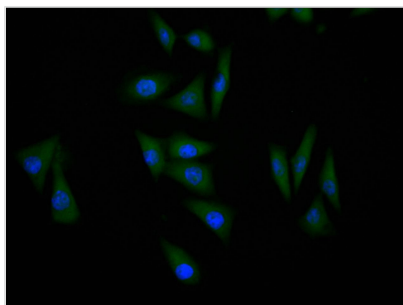
All lanes: TP53 antibody at 1:500

Secondary

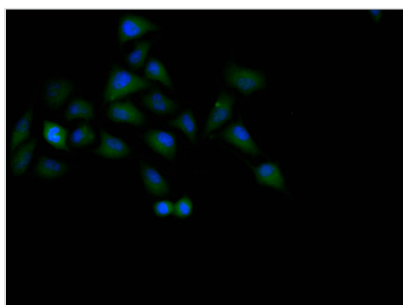
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 43 kDa

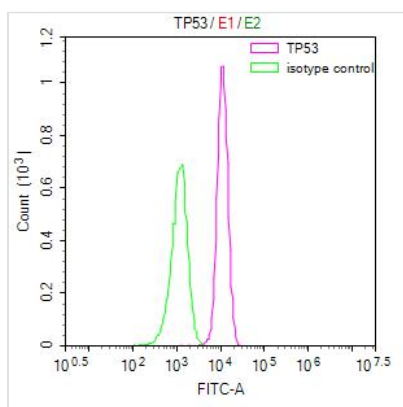
Observed band size: 43 kDa



Immunofluorescence staining of MCF-7 cell with CSB-RA024077MA1HU at 1:60, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescence staining of HeLa cell with CSB-RA024077MA1HU at 1:60, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Overlay Peak curve showing HeLa cells surface stained with CSB-RA024077MA1HU (red line) at 1:100. The cells were fixed in 4% formaldehyde (15min) and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody ( $1\mu\text{g}/1*10^6\text{cells}$ ) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 ( $1\mu\text{g}/1*10^6\text{cells}$ ) used under the same conditions. Acquisition of >10,000 events was performed.

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.