**PRODUCT**

Each vial contains 200 µg IgG_{2b} kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

p53 (DO-7) is available conjugated to agarose (sc-47698 AC), 500 µg/0.25 ml agarose in 1 ml, for ICP; to HRP (sc-47698 HRP), 200 µg/ml, for WB, IHC and IF; to phycoerythrin (sc-47698 PE), fluorescein (sc-47698 FITC), Alexa Fluor® 488 (sc-47698 AF488), Alexa Fluor® 546 (sc-47698 AF546), Alexa Fluor® 594 (sc-47698 AF594) or Alexa Fluor® 647 (sc-47698 AF647), 200 µg/ml, for WB (RGB); to Alexa Fluor® 680 (sc-47698 AF680) or Alexa Fluor® 790 (sc-47698 AF790), 200 µg/ml, for Near-Infrared (NIR) WB, IF and FCM; and to HRP (sc-47698 HRP), 200 µg/ml, for WB, IHC and FCM; and to HRP (sc-47698 HRP), 200 µg/ml, for WB, IHC and FCM; and to HRP (sc-47698 HRP), 200 µg/ml, for WB, IHC and FCM; and to HRP (sc-47698 HRP), 200 µg/ml, for WB, IHC and FCM.

p53 (DO-7) is a mouse monoclonal antibody epitope mapping between amino acids 1-45 of p53 of human origin.

**APPLICATIONS**

p53 (DO-7) is recommended for detection of both wildtype and mutant p53 under denaturing and non-denaturing conditions of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation (1-2 µg per 100-500 µg of total protein [1 ml of cell lysate]), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and flow cytometry (1 µg per 1 x 10^6 cells); non-cross-reactive with p53 of mouse or rat origin.

Suitable for use as control antibody for p53 siRNA (h): sc-29435, p53 shRNA Plasmid (h): sc-29435-SH and p53 shRNA (h) Lentiviral Particles: sc-29435-V.

Molecular Weight of p53: 53 kDa.

Positive Controls: A-431 whole cell lysate: sc-2201, Jurkat whole cell lysate: sc-2204 or HUV-EC-C whole cell lysate: sc-364180.

**STORAGE**

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**SELECT PRODUCT CITATIONS**


**RESEARCH USE**

For research use only, not for use in diagnostic procedures.

**DATA**

For research use only, not for use in diagnostic procedures.