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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-p53 DINP1 Rabbit Monoclonal Antibody

Catalog Number: M04229-1

Overview

Product Name	Anti-p53 DINP1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-p53 DINP1 Rabbit Monoclonal Antibody catalog # M04229-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal 19T28
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q96A56

Technical Details

Immunogen	A synthesized peptide derived from human p53 DINP1
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200

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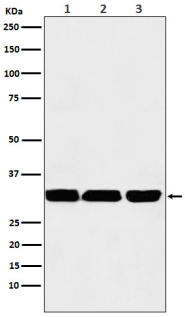
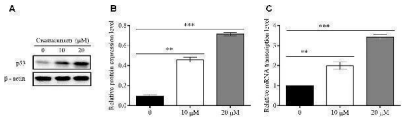
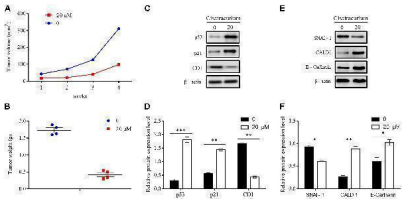
Anti-p53 DINP1 Rabbit Monoclonal Antibody (M04229-1) Images



Western blot analysis of p53 DINP1 expression in (1) HepG2 cell lysate; (2) RAW 264.7 cell lysate; (3) PC12 cell lysate.



(A–C) Cisatracurium (10 or 20 uM) increases the expression of p53 in CRC cells. (A) Assessment of p53 protein expression level in HTC116 cells. (B) Bar chart of quantified p53 protein expression in HTC 116 cells. (C) Bar chart of quantified p53 mRNA levels in HTC116 cells. Data are presented as Mean ± SEM (n = 3). Statistical significant differences in protein and mRNA of colon cancer cells were observed [∗∗ p < 0.01 and ∗∗∗ p < 0.001 versus control (0)].Index in PubMed under a CC BY license. PMID: 30108509



(A–F) Cisatracurium inhibits metastatic ability of CRC in vivo . (A) Line graph of subcutaneous tumor volume. (B) Weight of subcutaneous tumors in grams. Data are expressed as mean tumor volume or weight ± SE. ∗ p < 0.05. (C–F) Representative densities of tumor viability and migration regulatory proteins (p53, p21 and CD1, SNAI-1, CALD1, E-Cadherin) in tumor tissue samples. beta-Actin was used as internal control. The cluster bar chats in (D , F) indicates the levels of viability and migration regulatory proteins in the treatment group. Data are expressed as Mean ± SEM (n = 3). ∗ p < 0.05, ∗∗ p < 0.01, ∗∗∗ p < 0.001 versus control.Index in PubMed under a CC BY license. PMID: 30108509

7 Publications Citing This Product

1. PubMed ID: 10.3892/or.2015.3725, Cycloartan-24-ene-1alpha,2alpha,3beta-triol, a cycloartane-type triterpenoid from the resinous exudates of Commiphora myrrha, induces apoptosis in human prostatic cancer PC-3 cells

2. PubMed ID: 10.3389/fphys.2018.00941, Cisatracurium Retards Cell Migration and Invasion Upon Upregulation of p53 and Inhibits the Aggressiveness of Colorectal Cancer

3. PubMed ID: 10.1039/C5TB00514K, Design of magnetic nanoparticles for hepatocellular carcinoma treatment using the control mechanisms of the cell internal nucleus and external membrane

Visit bosterbio.com/anti-p53-dinp1-rabbit-monoclonal-antibody-m04229-1-boster.html to see all 7 publications.

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