

Product datasheet

Anti-TP53INP1 antibody [EPR17974] ab202026

Recombinant RabMAb

★★★★☆ **1 Abreviews** **11 References** **8 Images**

Overview

Product name	Anti-TP53INP1 antibody [EPR17974]
Description	Rabbit monoclonal [EPR17974] to TP53INP1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HepG2, SK-BR-3 C6, RAW 264.7, PC-12 and NIH/3T3 whole cell lysates; Human pancreas lysate. IHC-P: Human colonic adenocarcinoma, mouse kidney and rat kidney tissues. ICC/IF: HepG2 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR17974

Isotype

IgG

Applications

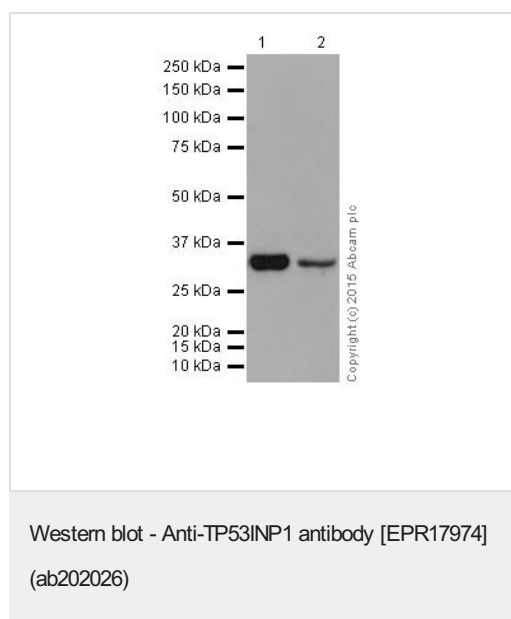
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab202026 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/2000. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).
IHC-P		1/150. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/300.

Images



All lanes : Anti-TP53INP1 antibody [EPR17974] (ab202026) at 1/10000 dilution

Lane 1 : HepG2 (Human liver hepatocellular carcinoma) whole cell lysate

Lane 2 : SK-BR-3 (Human mammary gland adenocarcinoma cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

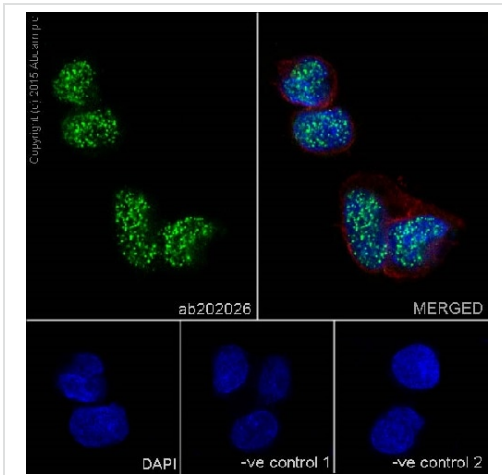
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa

Exposure time: 30 seconds

5% NFDm/TBST: Blocking and diluting buffer.



Immunocytochemistry/ Immunofluorescence - Anti-TP53INP1 antibody [EPR17974] (ab202026)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (Human liver hepatocellular carcinoma) cells labeling p53 DINP1/TP53INP1 with ab202026 at 1/300 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/500 dilution (green).

Confocal image showing nuclear staining on HepG2 cells.

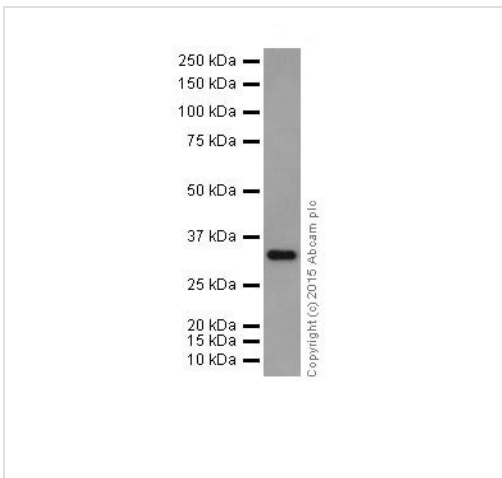
The nuclear counter stain is DAPI (blue).

Tubulin is detected with **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution and **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution (red).

The negative controls are as follows:

-ve control 1: ab202026 at 1/300 dilution followed by **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution.

-ve control 2: **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution followed by **ab150077** (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/500 dilution.



Western blot - Anti-TP53INP1 antibody [EPR17974] (ab202026)

Anti-TP53INP1 antibody [EPR17974] (ab202026) at 1/10000 dilution + Human pancreas lysate at 10 µg

Secondary

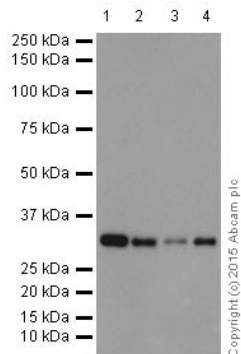
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa

Exposure time: 30 seconds

5% NFDN/TBST: Blocking and diluting buffer.



Western blot - Anti-TP53INP1 antibody [EPR17974]
(ab202026)

All lanes : Anti-TP53INP1 antibody [EPR17974] (ab202026) at 1/2000 dilution

Lane 1 : C6 (Rat glial tumor cells) whole cell lysate

Lane 2 : RAW 264.7 (Mouse macrophage cells transformed with Abelson murine leukemia virus) whole cell lysate

Lane 3 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

Lane 4 : NIH/3T3 (Mouse embryo fibroblast cells) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

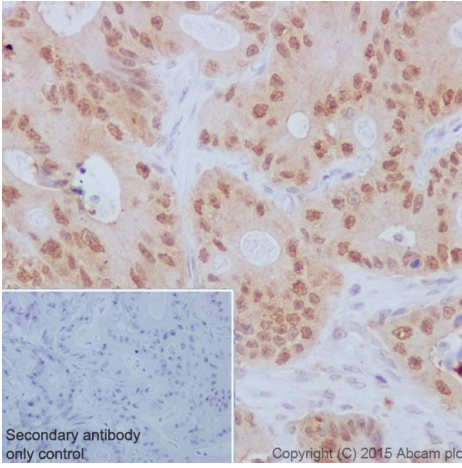
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa

Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDm/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TP53INP1 antibody [EPR17974] (ab202026)

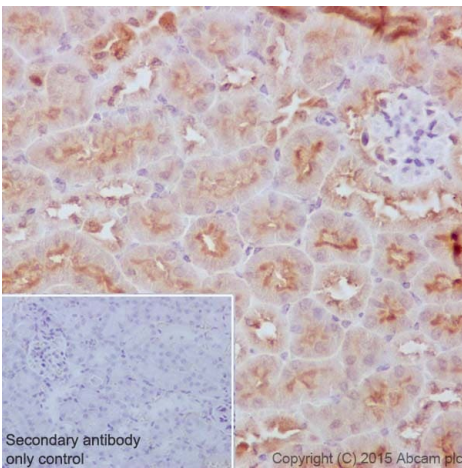
Immunohistochemical analysis of paraffin-embedded Human colonic adenocarcinoma tissue labeling p53 DINP1/TP53INP1 with ab202026 at 1/150 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution.

Cytoplasm and nucleus staining on cancer cells of Human colonic adenocarcinoma is observed.

Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TP53INP1 antibody [EPR17974] (ab202026)

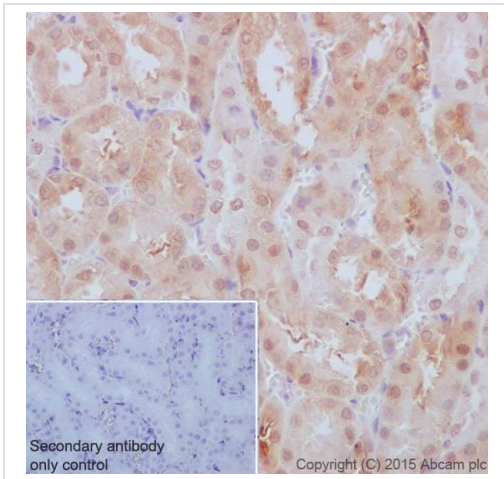
Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue labeling p53 DINP1/TP53INP1 with ab202026 at 1/150 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution.

Cytoplasm staining on epithelial cells of mouse kidney tubules is observed.

Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TP53INP1 antibody [EPR17974] (ab202026)

Immunohistochemical analysis of paraffin-embedded Rat kidney tissue labeling p53 DINP1/TP53INP1 with ab202026 at 1/150 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution.

Cytoplasm and weak nucleus staining on epithelial cells of rat kidney tubules is observed.

Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-TP53INP1 antibody [EPR17974] (ab202026)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors