

## Rb antibody

Cat. No. GTX100545

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse

References ( 5 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

**Note : We would recommend using "Hot 1% SDS lysis buffer" to collect the sample lysates.**

Not tested in other applications.

Calculated MW 106 kDa. ( [Note](#) )

Product Note IP/MS validation is based on published data (PMID: 30377374).

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.66 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human Rb. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

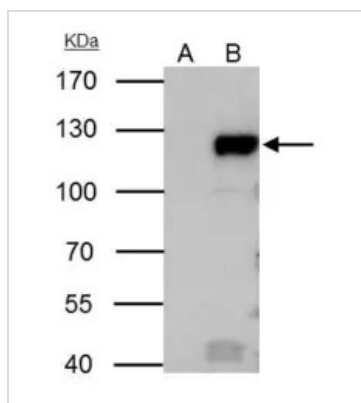


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**Note**

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**DATA IMAGES**

**GTX100545 IP Image**

Rb antibody immunoprecipitates retinoblastoma 1 protein in IP experiments.

IP samples: HeLa whole cell extract

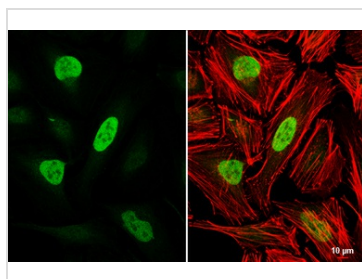
A. Control with 4 µg of preimmune Rabbit IgG

B. Immunoprecipitation of retinoblastoma 1 protein by 4 µg Rb antibody (GTX100545)

7.5 % SDS-PAGE

The immunoprecipitated retinoblastoma 1 protein was detected by Rb antibody (GTX100545) diluted at 1:500.

[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]


**GTX100545 ICC/IF Image**

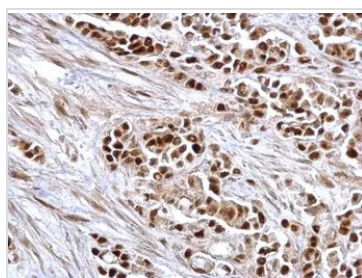
Rb antibody detects Rb protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Rb stained by Rb antibody (GTX100545) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:200.

Scale bar= 10 µm.

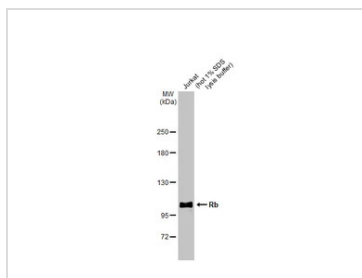

**GTX100545 IHC-P Image**

Rb antibody detects Rb protein at nucleus on human colon carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human colon carcinoma.

Rb antibody (GTX100545) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTX100545 WB Image**

Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with Rb antibody (GTX100545) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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