

p27 Kip1 antibody

Cat. No. GTX100446

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

References (28)





 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IP	1:100-1:500
IHC	Assay dependent

Not tested in other applications.

Calculated MW 22 kDa. ([Note](#))**Product Note** IP/MS validation was supported by references (PMID:30377371)

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 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	0.08 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human p27 Kip1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.



For full product information, images and publications, please visit our [website](#).

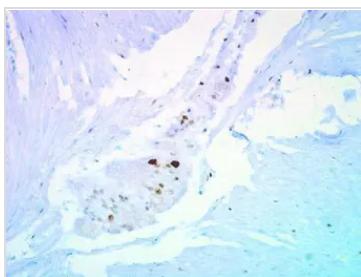
Conjugation

Unconjugated

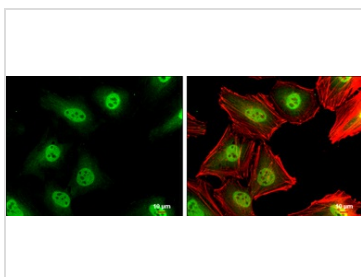
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX100446 IHC-P Image

Immunohistochemical staining of human ulcerative colitis tissue using anti-p27 Kip1 antibody (GTX100446).


GTX100446 ICC/IF Image

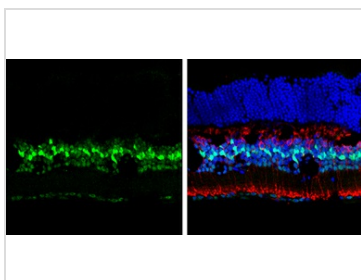
p27 Kip1 antibody detects p27 Kip1 protein at cytoplasm and nucleus by immunofluorescent analysis.

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

Green: p27 Kip1 protein stained by p27 Kip1 antibody (GTX100446) diluted at 1:500.

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

Scale bar = 10 μm.


GTX100446 IHC-Fr Image

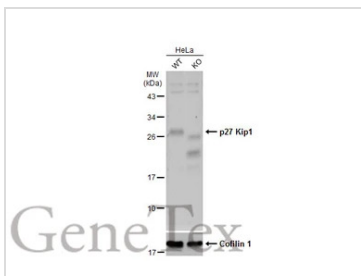
p27 Kip1 antibody detects p27 Kip1 protein at nucleus by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: p27 Kip1 protein stained by p27 Kip1 antibody (GTX100446) diluted at 1:250.

Red: Protein kinase C alpha staining.

Blue: Fluoroshield with DAPI (GTX30920).


GTX100446 WB Image

Wild-type (WT) and p27 Kip1 knockout (KO) HeLa cell extracts (30 μg) were separated by 12% SDS-PAGE, and the membrane was blotted with p27 Kip1 antibody (GTX100446) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



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