

p27 Kip1 antibody [SPM348]

Cat No. GTX34929

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Monkey

Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Dilution
ICC/IF	1-2µg/ml
IHC-P	1-2µg/ml for 30 minutes at RT

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Calculated MW 22 kDa. ([Note](#))

Specificity/Sensitivity This MAb recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. It is highly specific and shows no cross-reaction with other related mitotic inhibitors.

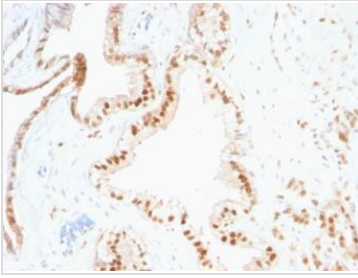
PROPERTIES

Form	Liquid
Buffer	10mM PBS, 0.05% BSA, 0.05% sodium azide (Please contact us for PBS only format)
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	0.2 mg/ml
Immunogen	Purified GST-p27 fusion protein of Mouse origin
Purification	Protein A/G purified
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

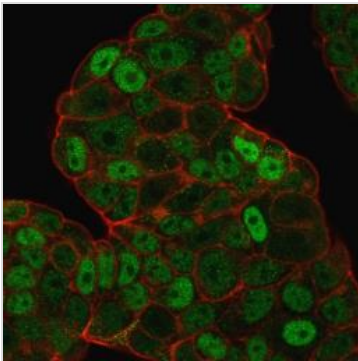


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DATA IMAGES

**GTX34929 IHC-P Image**

IHC-P analysis of human prostate tissue using GTX34929 p27 Kip1 antibody [SPM348].

**GTX34929 ICC/IF Image**

ICC/IF analysis of PFA-fixed MCF-7 cells using GTX34929 p27 Kip1 antibody [SPM348].

Green : Primary antibody

Red : Phalloidin



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