

p27 Kip1 antibody [SX53G8]

Cat. No. GTX34928

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

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1-2µg/ml
IHC-P	0.25-0.5µg/ml for 30 minutes at RT
FCM	1-2µg/10 ⁶ cells

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.

Product Note

This MAbs 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	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
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 (Please refer to the vial label for the specific concentration.)
Immunogen	Purified GST-p27 fusion protein of human origin
Purification	Protein A/G purified
Conjugation	Unconjugated



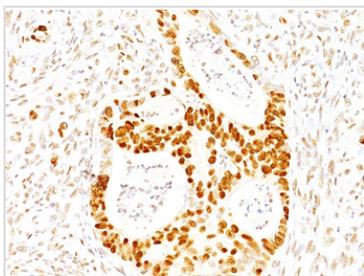
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Note

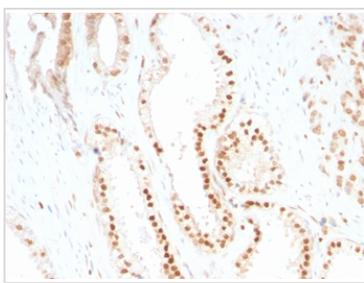
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DATA IMAGES



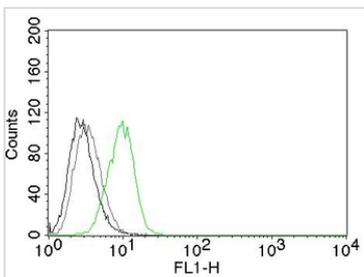
GTX34928 IHC-P Image

IHC-P analysis of human colon carcinoma tissue using GTX34928 p27 Kip1 antibody [SX53G8].



GTX34928 IHC-P Image

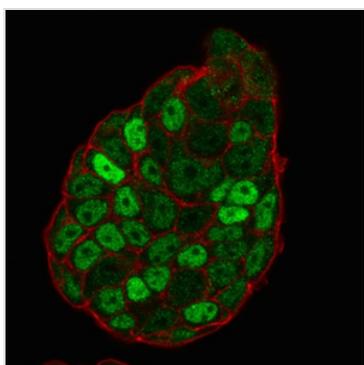
IHC-P analysis of human prostate carcinoma tissue using GTX34928 p27 Kip1 antibody [SX53G8].



GTX34928 FCM Image

FACS analysis of HeLa cells using GTX34928 p27 Kip1 antibody [SX53G8].

- Black : Blank
- Grey : Isotype Control
- Green : Primary antibody



GTX34928 ICC/IF Image

ICC/IF analysis of PFA-fixed MCF-7 cells using GTX34928 p27 Kip1 antibody [SX53G8].

- Green : Primary antibody
- Red : Phalloidin



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