

# p27 Kip1 antibody [SX53G8]

## Cat. No. GTX34928

Host	Mouse
Clonality	Monoclonal
Isotype	lgG1
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	$1-2\mu g/10^6$ 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.

This MAb recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. It is highly specific **Product Note** 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



For full product information, images and publications, please visit our website.

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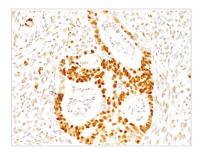


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#### Note

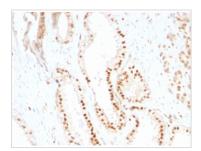
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#### DATA IMAGES



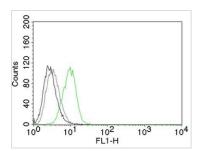
#### GTX34928 IHC-P Image

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].

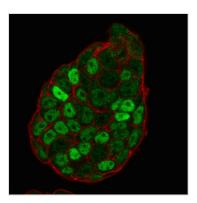


## GTX34928 FCM Image

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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