

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-1009: Monoclonal Antibody to p27Kip1 (Mitotic Inhibitor/Suppressor Protein)(Clone: SPM348)

Clone Name: Monoclonal
Clone Name: SPM348
Application: IF,IHC

Reactivity: Human, Mouse, Rat

 Gene :
 CDKN1B

 Gene ID :
 1027

 Uniprot ID :
 P46527

 Format :
 Purified

 Alternative Name :
 CDKN1B,KIP1

 Isotype :
 Mouse IgG1, kappa

Immunogen Information: Purified GST-p27 fusion protein of mouse origin

Description

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. p27Kip1 functions as a negative regulator of G1 progression and has been proposed to function as a possible mediator of TGF- induced G1 arrest. p27Kip1 is a candidate tumor suppressor gene. This MAb is excellent for staining of formalin-fixed tissues.

Product Info

Amount : 100 μg

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

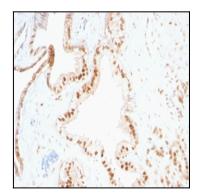
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(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);



Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with p27 Monoclonal Antibody (SPM348)