

Anti-p27 Kip 1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

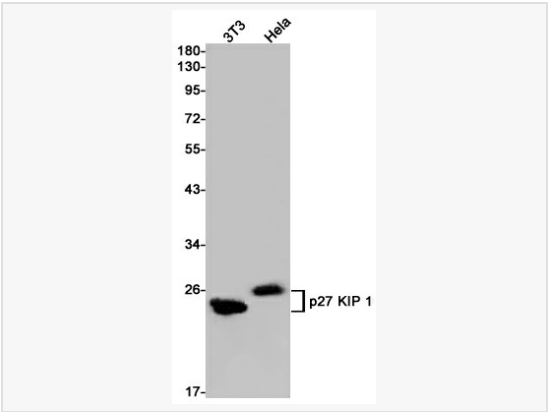
Catalog # R010161

Product Information

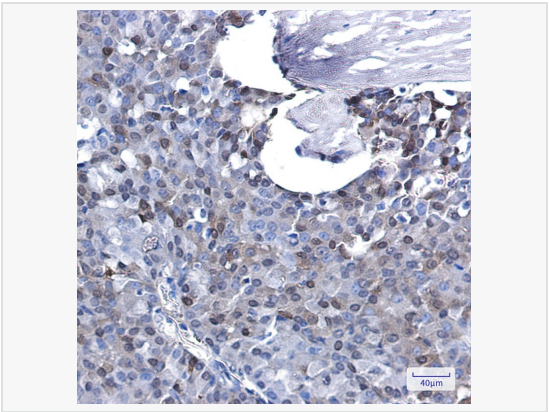
Application	WB, IHC-P/IF (Tissue-P), IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	95L90K82
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human p27 KIP 1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-p27 Kip 1 antibody [95L90K82] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CDKN1B, KIP1, Cyclin-dependent kinase inhibitor 1B, Cyclin-dependent kinase inhibitor p27, p27Kip1.
Calculated MW	Calculated MW: 22 kDa; Observed MW: 27 kDa
Uniprot ID	P46527
Gene ID	1027
Background	The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state.



Western blot analysis of p27 KIP 1 in 3T3, HeLa lysates using p27 Kip 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using p27 KIP 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.