

p27Kip1(Phospho-Thr187) Antibody

Catalog No: #11208



Package Size: #11208-1 50ul #11208-2 100ul #11208-4 25ul

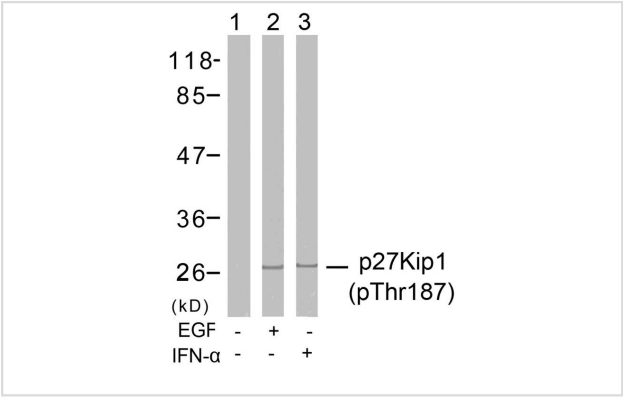
Overview

Product Name	p27Kip1(Phospho-Thr187) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	p27Kip1
Modification	Phospho-Thr187
Alternative Names	CDKN1B; CDN1B; Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; KIP1

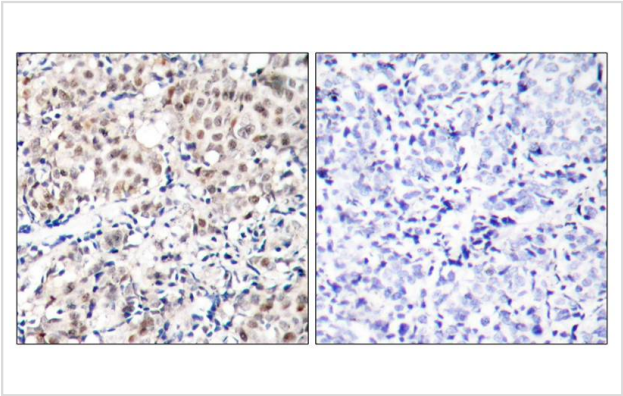
Application Details

Predicted MW: 27kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Hela cells untreated or treated with EGF, IFN-a using p27Kip1(Phospho-Thr187) Antibody #11208.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p27Kip1(Phospho-Thr187) Antibody #11208(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of threonine 187 (E-Q-T(p)-P-K) derived from Human p27Kip1.
Specificity	The antibody detects endogenous level of p27Kip1 only when phosphorylated at threonine 187.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P46527NCBI Protein: NP_004055.1

Related Information

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Positive regulator of cyclin D-dependent kinases such as CDK4. Regulated by phosphorylation and degradation events.

Eguchi H, et al. (2003) Cancer Res; 63(15): 4739-46

Le XF, et al. (2003) J Biol Chem;

Connor MK, et al. (2003)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.