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35-1194: Polyclonal Antibody to p27Kip1 (Phospho-Thr187)

Clonality: Polyclonal
Application: WB,IHC
Reactivity: Human
Gene: CDKN1B
Gene ID: 1027
Uniprot ID: P46527
Format: Purified

Alternative Name: CDKN1B, CDN1B, Cyclin-dependent kinase inhibitor 1B, Cyclin-dependent kinase inhibitor p27,

KIP1

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of threonine 187 (E-Q-T(p)-P-K) derived from

Human p27Kip1.

Description

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.

Product Info

Amount : 50 μl / 100 μl

Content: 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 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

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

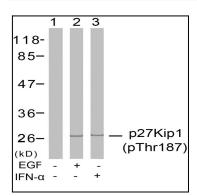


Figure 1: Western blot analysis of extracts from Hela cells untreated or treated with EGF, IFN-a using p27Kip1(Phospho-Thr187) Antibody 35-1194.



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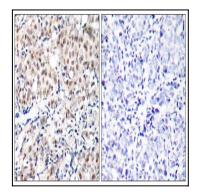


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p27Kip1(Phospho-Thr187) Antibody 35-1194 (left) or the same antibody preincubated with blocking peptide(right).