

Anti-p27 KIP1 Monoclonal Antibody

Cat: AC50537

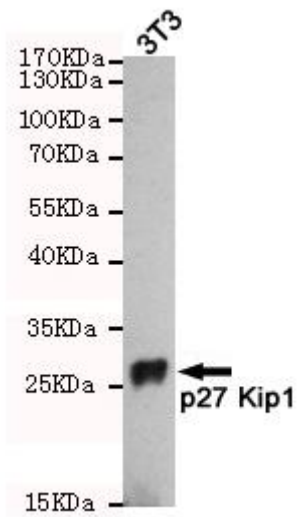
Summary:

- 【Product name】**: Anti-p27 KIP1 antibody **【Source】** : Mouse
【Isotype】 : IgG1 **【Species reactivity】** : Mouse
【Swiss Prot】 : P46527 **【Gene ID】** : 1027
【Calculated】 : MW:27kDa **【Observed】** : MW:28kDa
【Purification】 : Affinity purification
【Tested applications】 : WB
【Recommended dilution】 : WB 1:500-2000.
【WB Positive sample】 : 3T3
【Subcellular location】 : Cytoplasm Endosome Nucleus
【Immunogen】 : Purified recombinant human p27 Kip1 protein fragments expressed in E.coli.
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. 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. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

Verified picture



Western blot analysis with p27 KIP1
antibody diluted at 1:1000