

## Phospho-mouse p27Kip1(T197) Antibody

Catalog_no :	AB2209
Reactivity :	M
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	MOUSE
Specificity :	This mouse p27Kip1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T197 of mouse p27Kip1.
Dilution :	DB,1:500;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.
Other_name :	Cyclin-dependent kinase inhibitor 1B, Cyclin-dependent kinase inhibitor p27, p27Kip1, Cdkn1b
Isotype :	Rabbit Ig
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. [provided by RefSeq].
reference :	Singh, A., et al. Mol. Cell. Biol. 30(21):5145-5159(2010) Antico-Arciuch, V.G., et al. Oncogene 29(42):5678-5686(2010) Mitsuhashi, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(37):16331-16335(2010) Zhang, Y., et al. Genes Dev. 24(16):1746-1757(2010)