

Recombinant

DGRmAb®

Phospho-p27 KIP 1 (Ser10) (DGR20798) Rabbit mAb (PBS Only)

db14917-PBS

Package : 100µg

Product Name : Phospho-p27 KIP 1 (Ser10) (DGR20798) Rabbit mAb (PBS Only)**Cat.No.:** db14917-PBS**Synonyms** : KIP1; MEN4; CDKN4; MEN1B; P27KIP1**Application** : WB, IHC-P, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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). [provided by RefSeq, Apr 2014]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser10 of human p27 KIP 1

Gene ID

1027

Swiss Prot

P46527

Synonyms

KIP1; MEN4; CDKN4; MEN1B; P27KIP1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:1000-1:10000

IHC-P: 1:100

IP: 1:50

Calculated MW

22 kDa

Observed MW

27 kDa

Host species

Rabbit

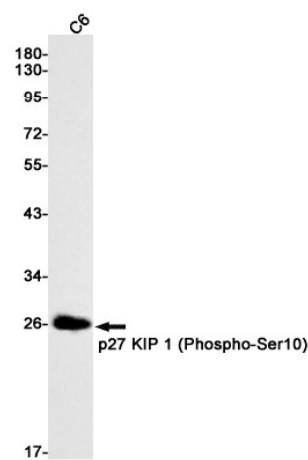
Clonality

Monoclonal

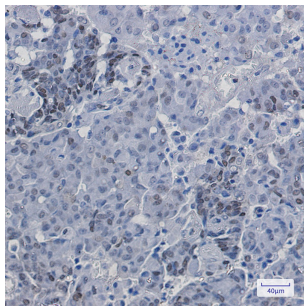
Clonality No.

DGR20798

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Phospho-p27 KIP 1 (Ser10) in C6 cell lysates using [db14917](#) (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer using [db14917](#)