

Recombinant

DGRmAb®

## p27 KIP 1 (DGR14485) Rabbit mAb

db13072

Package : 10µL 20µL 50µL 100µL

**Product Name** : p27 KIP 1 (DGR14485) Rabbit mAb**Cat.No.:** db13072**Synonyms** : KIP1; MEN4; CDKN4; MEN1B; P27KIP1**Application** : WB, IHC-P, ICC/IF, FC, 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 peptide 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, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50

ICC/IF: 1:100-1:500

FC: 1:20-1:50

IP: 1:20-1:50

**Calculated MW**

22 kDa

**Observed MW**

27 kDa

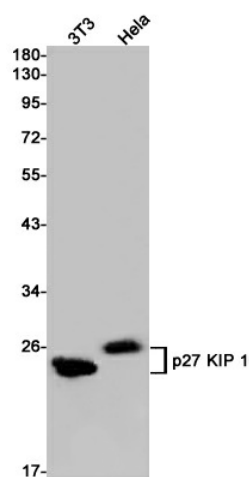
**Host species**

Rabbit

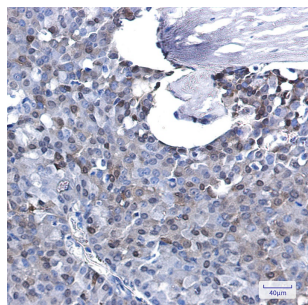
**Clonality**

Monoclonal

Clonality No.	DGR14485
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of p27 KIP 1 in 3T3,HeLa cell lysates using p27 KIP 1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer using db13072 antibody.