Recombinant DGRmAb®

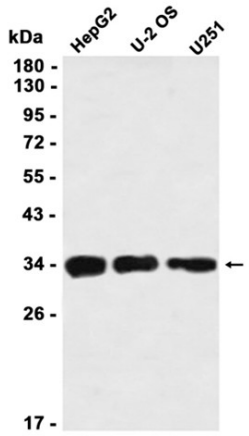
# Phospho-CDK1/2 (Thr14) (DGR31319) Rabbit mAb

**db11065** **Package : 10μL 20μL 50μL 100μL**

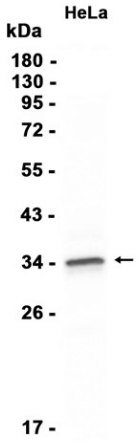
**Product Name :** Phospho-CDK1/2 (Thr14) (DGR31319) Rabbit mAb
**Cat.No.:** db11065
**Synonyms :** CDKN2; p33(CDK2)
**Application :** WB, IHC-P, IP
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

| | |
|---|---|
| **Background** | This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014] |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Thr14 of human Cdk1/2 |
| **Gene ID** | 1017 |
| **Swiss Prot** | P06493 |
| **Synonyms** | CDKN2; p33(CDK2) |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P, IP |
| **Recommended dilution** | WB: 1:1000<br>IHC-P: 1:100-1:200<br>IP: 1:20-1:50 |
| **Calculated MW** | 34 kDa |
| **Observed MW** | 34 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR31319 |

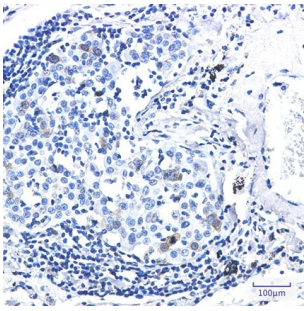
| | |
|---|---|
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |




Western blot analysis of extracts from HepG2, U-2 OS, U251 cells using db11065 at 1:1000.




Western blot analysis of extracts from HeLa cells using db11065 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11065 antibody.