

Recombinant

DGRmAb®

**RBBP4 (DGR16021) Rabbit mAb (PBS Only)**

db11829-PBS

Package : 10µg 100µg

**Product Name** : RBBP4 (DGR16021) Rabbit mAb (PBS Only)**Cat.No.:** db11829-PBS**Synonyms** : NURF55; RBAP48; lin-53**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

**Immunogen**

A synthetic peptide of human RbAp48

**Gene ID**

5928

**Swiss Prot**

Q09028

**Synonyms**

NURF55; RBAP48; lin-53

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Calculated MW**

48 kDa

**Observed MW**

48 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

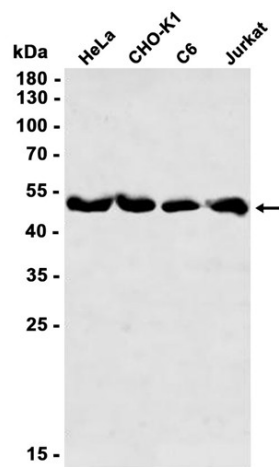
**Clonality No.**

DGR16021

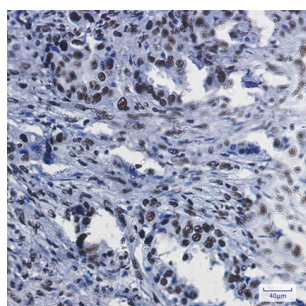
**Isotype**

IgG

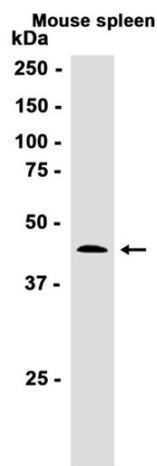
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



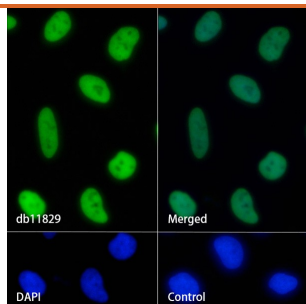
Western blot analysis of extracts from HeLa, CHO-K1, C6, Jurkat cells using [db11829](#) at 1:500.



Immunohistochemical analysis of paraffin-embedded human lung cancer using [db11829](#) antibody.



Western blot analysis of extracts from Mouse spleen tissue using [db11829](#) at 1:1000.



Immunofluorescence analysis of HeLa cells labelling RBBP4 with [db11829](#).

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db11829](#) (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.