

Recombinant

DGRmAb®

**KDM5A/Jarid1A/RBBP2 (DGR11614) Rabbit mAb (PBS Only)**

db15949-PBS

Package : 10µg 100µg

**Product Name** : KDM5A/Jarid1A/RBBP2 (DGR11614) Rabbit mAb (PBS Only)**Cat.No.:** db15949-PBS**Synonyms** : RBP2; RBBP2; RBBP-2**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

This gene encodes a member of the Jumonji, AT-rich interactive domain 1 (JARID1) histone demethylase protein family. The encoded protein plays a role in gene regulation through the histone code by specifically demethylating lysine 4 of histone H3. The encoded protein interacts with many other proteins, including retinoblastoma protein, and is implicated in the transcriptional regulation of Hox genes and cytokines. This gene may play a role in tumor progression. [provided by RefSeq, Aug 2013]

**Immunogen**

Recombinant protein of human KDM5A/Jarid1A/RBBP2

**Gene ID**

5927

**Swiss Prot**

P29375

**Synonyms**

RBP2; RBBP2; RBBP-2

**Reactivity**

Human,Mouse

**Application**

WB, ICC/IF, FC, IP

**Calculated MW**

192 kDa

**Observed MW**

192 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11614

**Isotype**

IgG

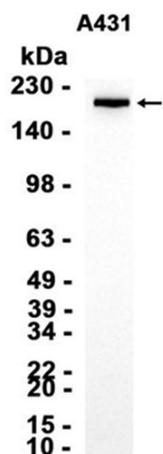
**Purity**

Affinity Purification

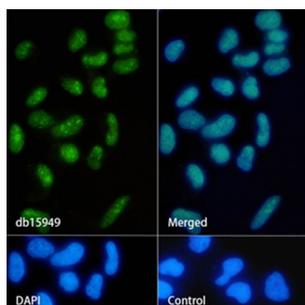
**Conjugation**

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 A431 cells using [db15949](#) at 1:1000.



Immunofluorescence analysis of HeLa cells labelling KDM5A/Jarid1A/RBBP2 with [db15949](#).

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 [db15949](#)(1:2000) 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.