

Recombinant

DGRmAb®

KDM5A/Jarid1A/RBBP2 (DGR11614) Rabbit mAb

db15949

Package : 10µL 20µL 50µL 100µL

Product Name : KDM5A/Jarid1A/RBBP2 (DGR11614) Rabbit mAb**Cat.No.:** db15949**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

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:500-1:2000

FC: 1:200-1:1000

IP: 1:100

Calculated MW

192 kDa

Observed MW

192 kDa

Host species

Rabbit

Clonality

Monoclonal

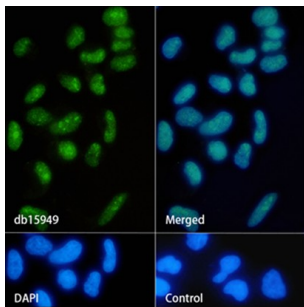
Clonality No.

DGR11614

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 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 temprature 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.