

Recombinant

DGRmAb®

KDM4B/JMJD2B (DGR12982) Rabbit mAb

db12931

Package : 10µL 20µL 50µL 100µL

Product Name : KDM4B/JMJD2B (DGR12982) Rabbit mAb**Cat.No.:** db12931**Synonyms** : JMJD2B; TDRD14B**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.

Immunogen

A synthetic peptide of human KDM4B/JMJD2B

Gene ID

23030

Swiss Prot

O94953

Synonyms

JMJD2B; TDRD14B

Reactivity

Human,Mouse,Rat

Application

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

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100

ICC/IF: 1:200-1:1000

FC: 1:200-1:1000

IP: 1:200-1:1000

Calculated MW

122 kDa

Observed MW

150 kDa

Host species

Rabbit

Clonality

Monoclonal

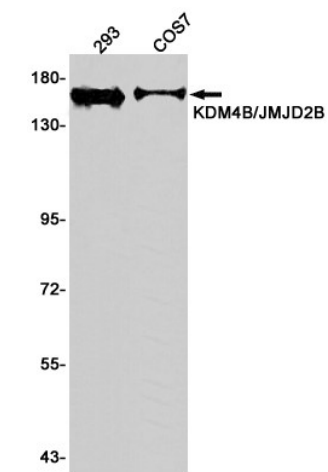
Clonality No.

DGR12982

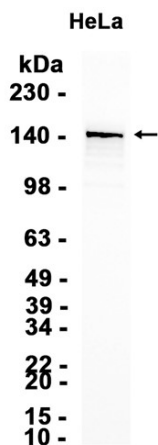
Isotype

IgG

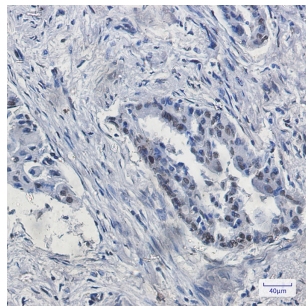
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



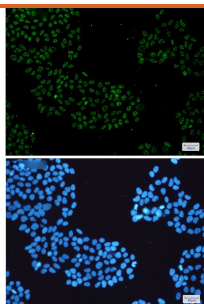
Western blot detection of KDM4B in 293,COS7 cell lysates using KDM4B/JMJD2B antibody(1:1000 diluted).



Western blot analysis of extracts from HeLa cells using db12931 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db12931 antibody.



Immunofluorescent analysis of HeLa cells using db12931 antibody (green), and DAPI (blue).