

Recombinant

DGRmAb®

KDM4B/JMJD2B (DGR12982) Rabbit mAb (PBS Only)

db12931-PBS

Package : 10µg 100µg

Product Name : KDM4B/JMJD2B (DGR12982) Rabbit mAb (PBS Only)

Cat.No.: db12931-PBS

Synonyms : JMJD2B; TDRD14B

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

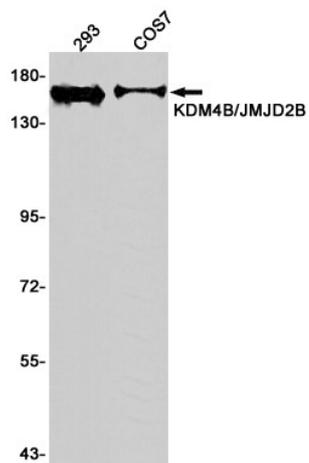
Reactivity : Human,Mouse,Rat

Host species : Rabbit

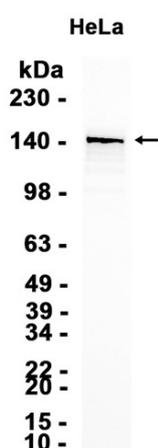
Background	Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and 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
Calculated MW	122 kDa
Observed MW	150 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12982
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only

Storage Stability

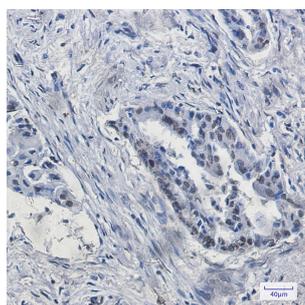
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



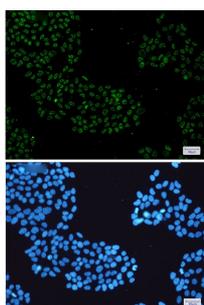
Western blot detection of KDM4B in 293, COS7 cell lysates using KDM4B/JMJD2B antibody (1:1000 diluted).



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).

