

KDM4B monoclonal antibody

Catalog: MB11144

Host: Rabbit

Reactivity: Human

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 122 kDa; Observed MW: 150 kDa

Swiss-Prot:

O94953

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

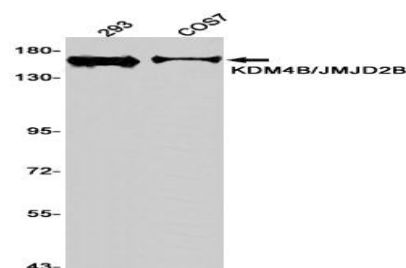
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

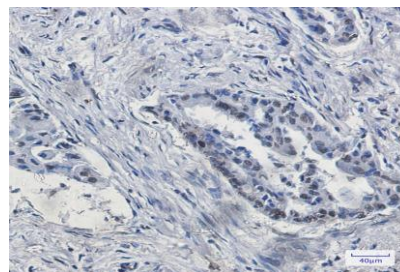
Isotype:

IgG

DATA:



Western blot analysis of KDM4B in 293, COS7 lysates using KDM4B antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using KDM4B/JMJD2B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunocytochemistry analysis of KDM4B/JMJD2B in Hela using KDM4B/JMJD2B antibody, and DAPI

Note:

For research use only, not for use in diagnostic procedure.

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