

KDM4A Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2106
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human KDM4A expressed in E. Coli.
Mol wt	120kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC, ICC
Concentration	N/A
Full name	N/A
Synonyms	JMJD2;JHDM3A;JMJD2A;KIAA0677;KDM4A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.

Recommended Dilution

WB: 1:500 - 1:2000

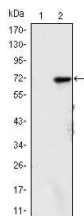
IHC-p: 1:200 - 1:1000

ICC: 1:200 - 1:1000

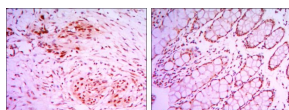
ELISA: 1:10000

Not yet tested in other applications.

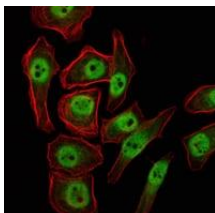
Images



Western blot analysis using KDM4A mAb against HEK293 (1) and KDM4A(AA: 500-705)-hIgGFc transfected HEK293 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded colon cancer tissues (left) and human larynx cancer tissues (right) using KDM4A mouse mAb with DAB staining.



Immunofluorescence analysis of NTERA-2 cells using KDM4A mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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