

Mouse anti-Human KDM4A Antibody | anti-KDM4A antibody

KDM4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108657	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

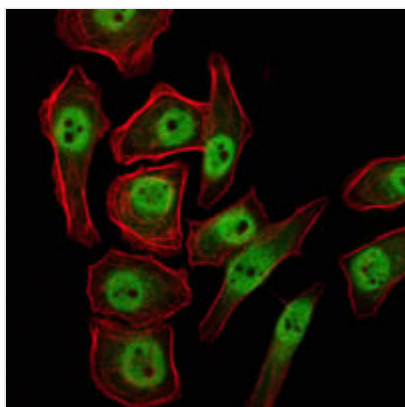
PRODUCT SYNONYMS

KDM4A; KDM4A Antibody; JMJD2; JHDM3A; JMJD2A; KIAA0677; anti-KDM4A antibody

PRODUCT SPECIFICATIONS

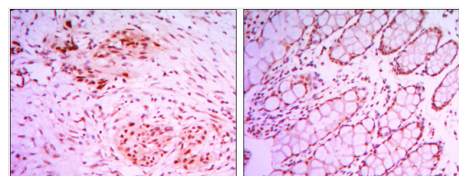
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5H1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1064
Applicable Applications for anti-KDM4A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human KDM4A expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



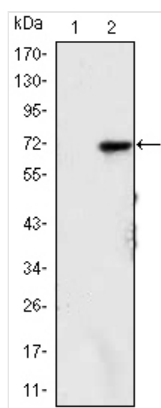
IF (Immunofluorescence)

Figure 3: Immunofluorescence analysis of NTERA-2 cells using KDM4A mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded colon cancer tissues (left) and human larynx cancer tissues (right) using KDM4A mouse mAb with DAB staining.



WB (Western Blot)

Figure 1: Western blot analysis using KDM4A mAb against HEK293 (1) and KDM4A-hlgFc transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4A antibody	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.
Product Categories/Family for anti-KDM4A antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	98986459
NCBI GeneID	9682
NCBI Accession #	NP_055478.2
NCBI GenBank Nucleotide #	NM_014663.2
UniProt Accession #	O75164; Q5VVB1
Molecular Weight	120kDa
NCBI Official Full Name	lysine-specific demethylase 4A
NCBI Official Synonym Full Names	lysine demethylase 4A
NCBI Official Symbol	KDM4A
NCBI Official Synonym Symbols	JMJD2; JHDM3A; JMJD2A; TDRD14A
NCBI Protein Information	lysine-specific demethylase 4A
UniProt Protein Name	Lysine-specific demethylase 4A
UniProt Gene Name	KDM4A
UniProt Synonym Gene Names	JHDM3A; JMJD2; JMJD2A; KIAA0677

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.