

Mouse anti-Human JMJD2A Monoclonal Antibody | anti-JMJD2A antibody

Mouse monoclonal antibody Anti-Human JMJD2A

CATALOG # AAA36457	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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PRODUCT SYNONYMS

JMJD2A; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human JMJD2A; omo sapiens jumonji domain containing 2A; KIAA0677; JHDM3A; anti-JMJD2A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3559D5a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	3454
Applicable Applications for anti-JMJD2A antibody	ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



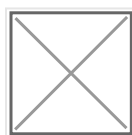
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-JMJD2A mAb. [Lot No.3559D5a-1]



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-JMJD2A monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD2A antibody	This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein with 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. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33876865
NCBI GeneID	9682
Molecular Weight	54,697 Da
NCBI Official Full Name	Homo sapiens jumonji domain containing 2A, mRNA
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 4A
NCBI Official Symbol	KDM4A
NCBI Official Synonym Symbols	JMJD2; JHDM3A; JMJD2A; TDRD14A
NCBI Protein Information	lysine-specific demethylase 4A; jmjC domain-containing histone demethylation protein 3A; jumonji C domain-containing histone demethylase 3A; jumonji domain containing 2; jumonji domain containing 2A; jumonji domain-containing protein 2A; tudor domain containing 14A
UniProt Protein Name	Lysine-specific demethylase 4A
UniProt Gene Name	KDM4A
UniProt Entry Name	KDM4A_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/jmjd2a-antibody-clone-3559d5a-immunocytochemistry-dot-blot-elisa/36457>