

Mouse anti-Human KDM5C Monoclonal Antibody | anti-KDM5C antibody

KDM5C Antibody

CATALOG # AAA111281	HOST Mouse	REACTIVITY Human
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PRODUCT SYNONYMS

KDM5C; Monoclonal Antibody; KDM5C Antibody; MRXJ; SMCX; MRXSJ; XE169; MRXSCJ; JARID1C; DXS1272E; anti-KDM5C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Specificity	This antibody detects endogenous levels of KDM5C and does not corss-react with related proteins
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Immunogen	Purified recombinant human KDM5C (C-terminus) protein fragments expressed in E Coli
Cellular Localization	Nucleus
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles

IMAGES



Application Data

Western blot detection of KDM5C(C-terminus) antibody in HeLa&293 cell lysates using KDM5C(C-terminus) antibody (1:1000 diluted). Predicted band size: 176KDa Observed band size: 220KDa



Application Data

Immunocytochemistry of HeLa cells using anti- KDM5C (C-terminus) antibody diluted 1:150

ADDITIONAL INFORMATION

Related Product Information for anti-KDM5C antibody	UniPort Summary Function: Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. Participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements. Entrez Summary: This gene is a member of the SMCY homolog family and encodes a protein with one ARID domain, one JmjC domain, one JmjN domain and two PHD-type zinc fingers. The DNA-binding motifs suggest this protein is involved in the regulation of transcription and chromatin remodeling. Mutations in this gene have been associated with X-linked mental retardation. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-KDM5C 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 GenBank Nucleotide #	NM_004187.3
UniProt Accession #	P412298
Molecular Weight	220kDa

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/kdm5c-antibody-elisa/111281>