

Mouse KDM4C Monoclonal Antibody | anti-KDM4C antibody

KDM4C antibody

CATALOG # AAA108123	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry
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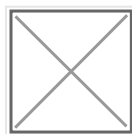
PRODUCT SYNONYMS

KDM4C; Monoclonal Antibody; KDM4C antibody; Monoclonal KDM4C; Anti-KDM4C; lysine K-specific demethylase 4C; GASC1; KIAA0780; JMJD2C; Jumonji domain containing 2C; Gene amplified in squamous cell carcinoma 1 protein; Lysine specific demethylase 4C; KDMC 4; KDMC-4; anti-KDM4C antibody

PRODUCT SPECIFICATIONS

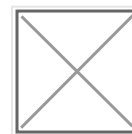
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4B1
Purity/Purification	KDM4C antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-KDM4C antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Biological Significance	KDM4C is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein with one JmjC domain, one JmjN domain, two PHD-type zinc fingers, and two Tudor domains. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form. Chromosomal aberrations and increased transcriptional expression of this gene are associated with esophageal squamous cell carcinoma.
Cross-Reactivity	Human
Immunogen	KDM4C antibody was raised in mouse using a full length recombinant protein of human KDM4C (NP_055876) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant KDM4C protein using KDM4C antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of KDM4C protein in paraffin embedded Human pancreas tissue using KDM4C antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4C antibody	Mouse monoclonal KDM4C antibody
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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/kdm4c-antibody-clone-4b1-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/108123>