

Mouse anti-Human JARID2 Monoclonal Antibody | anti-JARID2 antibody

JARID2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312053	Mouse	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

JARID2; Monoclonal Antibody; JARID2 Antibody; JARD2 antibody; JARD2_HUMAN antibody; JARID2 antibody; JMJ antibody; Jumonji AT rich interactive domain 2 antibody; Jumonji homolog antibody; Jumonji like protein antibody; Jumonji protein antibody; Jumonji/ARID domain containing protein 2 antibody; Jumonji/ARID domain-containing protein 2 antibody; Protein Jumonji antibody; anti-JARID2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Sequence Length	1246
Applicable Applications for anti-JARID2 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



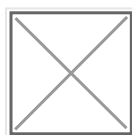
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with JARID2 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



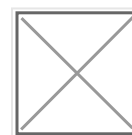
ICC (Immunocytochemistry)

ICC staining JARID2 (green) and Actin filaments (red) in HeLa cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of JARID2 on HEK293 (1) and JARID2-hlgGfC transfected HEK293 (2) cell lysate using anti-JARID2 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of JARID2 on human JARID2 recombinant protein using anti-JARID2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-JARID2 antibody	Regulator of histone methyltransferase complexes that plays an essential role in embryonic development, including heart and liver development, neural tube fusion process and hematopoiesis. Acts by modulating histone methyltransferase activity and promoting the recruitment of histone methyltransferase complexes to their target genes. Binds DNA and mediates the recruitment of the PRC2 complex to target genes in embryonic stem cells. Does not have histone demethylase activity but regulates activity of various histone methyltransferase complexes. In embryonic stem cells, it associates with the PRC2 complex and inhibits trimethylation of 'Lys-27' of histone H3 (H3K27me3) by the PRC2 complex, thereby playing a key role in differentiation of embryonic stem cells and normal development. In cardiac cells, it is required to repress expression of cyclin-D1 (CCND1) by activating methylation of 'Lys-9' of histone H3 (H3K9me) by the GLP1/EHMT1 and G9a/EHMT2 histone methyltransferases. Also acts as a transcriptional repressor of ANF via its interaction with GATA4 and NKX2-5. Participates in the negative regulation of cell proliferation signaling.
Product Categories/Family for anti-JARID2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	61252601
NCBI GeneID	3720
UniProt Accession #	Q92833
Molecular Weight	139kDa
NCBI Official Full Name	Protein Jumonji
NCBI Official Synonym Full Names	jumonji and AT-rich interaction domain containing 2
NCBI Official Symbol	JARID2
NCBI Official Synonym Symbols	JMJ
NCBI Protein Information	protein Jumonji
UniProt Protein Name	Protein Jumonji
UniProt Gene Name	JARID2
UniProt Synonym Gene Names	JMJ
UniProt Entry Name	JARD2_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/jarid2-antibody-flow-cytometry-immunocytochemistry-western-blot-elisa/312053>