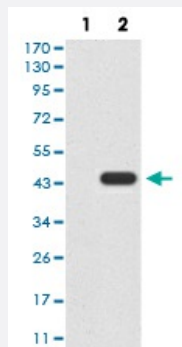


# JMJD2A monoclonal antibody, clone 6E10G4

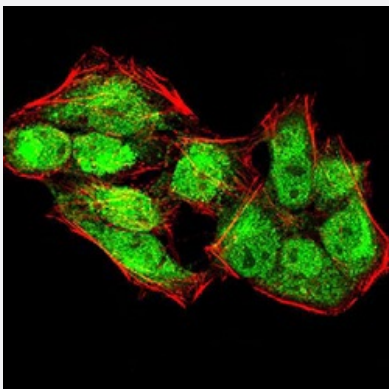
Catalog # MAB17153      Size 100 ug

## Applications



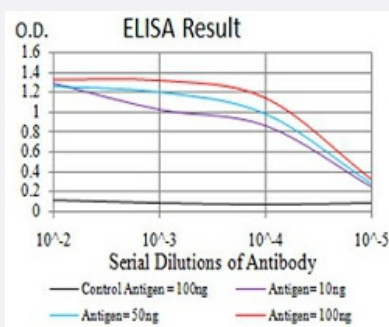
### Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) JMJD2A-hlgGfc transfected HEK293 cell lysate.



### Immunocytochemistry

Immunocytochemical staining of HeLa cells with JMJD2A monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of JMJD2A monoclonal antibody, clone 6E10G4.

## Specification

### Product Description

Mouse monoclonal antibody raised against recombinant human JMJD2A.

Immunogen	Recombinant protein corresponding to amino acid 932-1057 of human JMJD2A from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	120.6kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) JMJD2A-hlgGfc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with JMJD2A monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of JMJD2A monoclonal antibody, clone 6E10G4.

## Gene Info — JMJD2A

Entrez GeneID [9682](#)

Gene Name JMJD2A

Gene Alias	JHDM3A, JMJD2, KDM4A, KIAA0677
Gene Description	jumonji domain containing 2A
Omim ID	<a href="#">609764</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000008810 jumonji C domain-containing histone demethylase 3A