

## JARID1B Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant KDM5B.

Catalog # AT2581a

### Specification

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#### JARID1B Antibody (monoclonal) (M02) - Product Information

Application	IF, WB, IHC, E
Primary Accession	<a href="#">O9UGL1</a>
Other Accession	<a href="#">NM_006618</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	175658

#### JARID1B Antibody (monoclonal) (M02) - Additional Information

Gene ID 10765

##### Other Names

Lysine-specific demethylase 5B, 11411-, Cancer/testis antigen 31, CT31, Histone demethylase JARID1B, Jumonji/ARID domain-containing protein 1B, PLU-1, Retinoblastoma-binding protein 2 homolog 1, RBP2-H1, KDM5B, JARID1B, PLU1, RBBP2H1

##### Target/Specificity

KDM5B (NP\_006609, 231 a.a. ~ 319 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### Dilution

WB~~1:500~1000

##### Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### Precautions

JARID1B Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

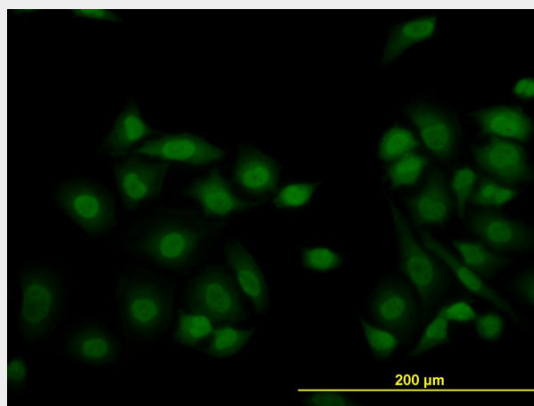
#### JARID1B Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

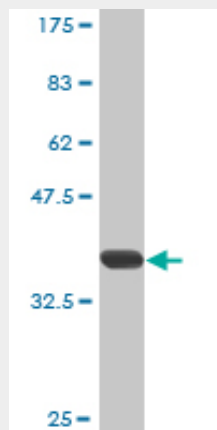
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

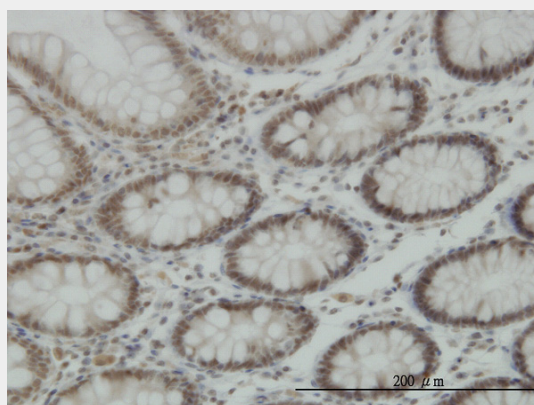
### JARID1B Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to KDM5B on HeLa cell . [antibody concentration 10 ug/ml]

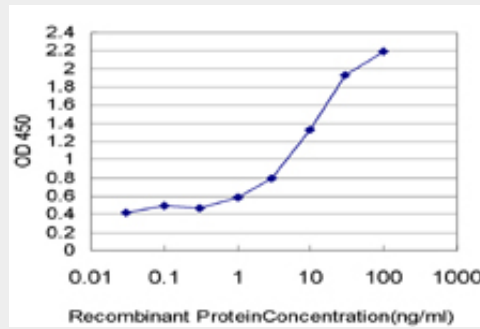


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



Immunoperoxidase of monoclonal antibody to KDM5B on formalin-fixed paraffin-embedded

human colon. [antibody concentration 1 ug/ml]



Detection limit for recombinant GST tagged KDM5B is approximately 0.03ng/ml as a capture antibody.

### JARID1B Antibody (monoclonal) (M02) - References

1. Jumonji/ARID1 B (JARID1B) Protein Promotes Breast Tumor Cell Cycle Progression through Epigenetic Repression of MicroRNA let-7e. Mitra D, Das PM, Huynh FC, Jones FE. J Biol Chem. 2011 Nov 25;286(47):40531-5. Epub 2011 Oct 3. 2. Overexpression of the JmJc histone demethylase KDM5B in human carcinogenesis: involvement in the proliferation of cancer cells through the E2F/RB pathway. Hayami S, Yoshimatsu M, Veerakumarasivam A, Unoki M, Iwai Y, Tsunoda T, Field HI, Kelly JD, Neal DE, Yamaue H, Ponder BA, Nakamura Y, Hamamoto R. Mol Cancer. 2010 Mar 13;9:59. 3. JARID1B is a histone H3 lysine 4 demethylase up-regulated in prostate cancer. Xiang Y, Zhu Z, Han G, Ye X, Xu B, Peng Z, Ma Y, Yu Y, Lin H, Chen AP, Chen CD. Proc Natl Acad Sci U S A. 2007 Dec 4;104(49):19226-31. Epub 2007 Nov 28.

### JARID1B Antibody (monoclonal) (M02) - Citations

- [PLU-1/JARID1B overexpression predicts proliferation properties in head and neck squamous cell carcinoma.](#)
- [JARID1B protein expression and prognostic implications in uveal melanoma.](#)