

JARID1B Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant KDM5B.

Catalog # AT2581a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9UGL1
Other Accession	NM_006618
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1G10
Calculated MW	175658

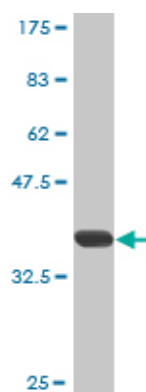
Additional Information

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 IHC~~1:100~500 IF~~1:50~200 E~~N/A
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.

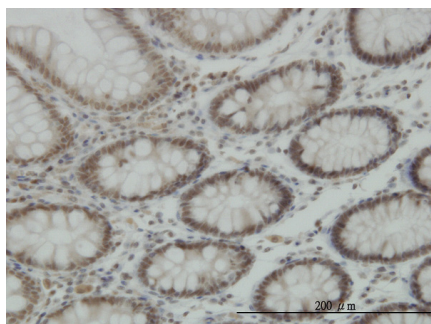
References

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,

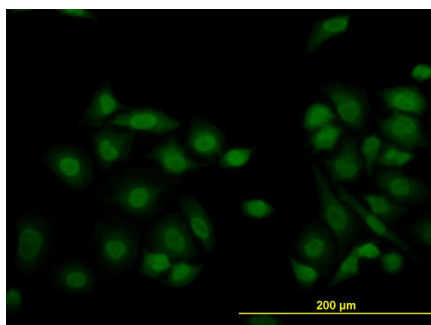
Images



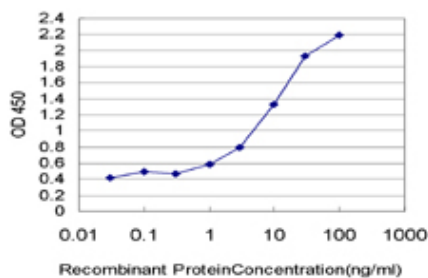
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



Immunoperoxidase of monoclonal antibody to KDM5B on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ug/ml]



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



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

Citations

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