

Product Datasheet

Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) - Azide and BSA Free H00010765-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00010765-M02

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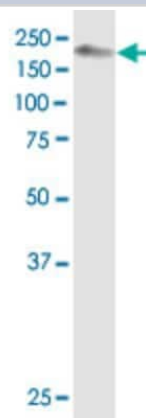
Product Information	
Unit Size	0.1 mg
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	10765
Gene Symbol	KDM5B
Species	Human
Specificity/Sensitivity	JARID1B (1G10)
Immunogen	KDM5B (NP_006609, 231 a.a. ~ 319 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AKRMRAEAMNIKIEPEETTEARTHNLRRRMGCPTPKCENEKEMKSSIKQEPIER KDYIVENEKEKPKSRSKATNAVDLYVCLLCGSGN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

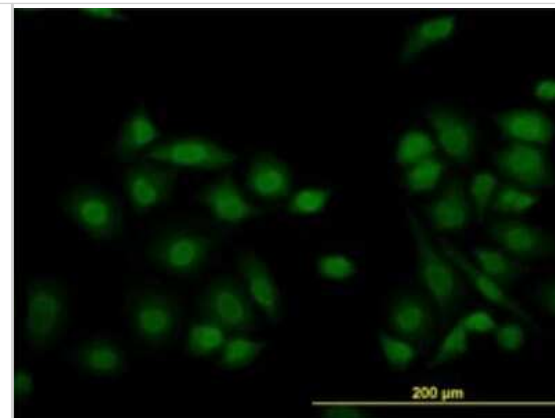
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunodiffusion, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100 - 1:2000, Immunodiffusion

Images

Western Blot: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - KDM5B monoclonal antibody (M02), clone 1G10. Analysis of KDM5B expression in HeLa.



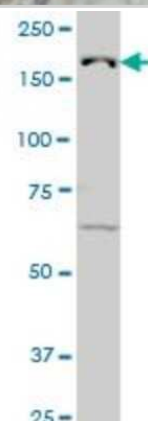
Immunocytochemistry/Immunofluorescence: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - Analysis of monoclonal antibody to KDM5B on HeLa cell . Antibody concentration 10 ug/ml.



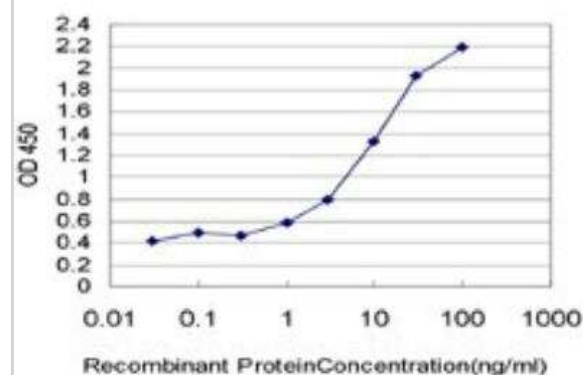
Immunohistochemistry-Paraffin: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - Analysis of monoclonal antibody to KDM5B on formalin-fixed paraffin-embedded human colon. Antibody concentration 1 ug/ml.



Western Blot: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - Analysis of JARID1B expression in Hela NE.



ELISA: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - Detection limit for recombinant GST tagged KDM5B is approximately 0.03ng/ml as a capture antibody.



Publications

Veronika M, Simone B, Daisy H et al. The KDM5B and KDM1A lysine demethylases cooperate in regulating androgen receptor expression and signalling in prostate cancer. *Front Cell Dev Biol.* 2023-04-19 [PMID: 37152294]

Shigekawa Y, Hayami S, Ueno M et al. Overexpression of KDM5B/JARID1B is associated with poor prognosis in hepatocellular carcinoma. *Oncotarget* 2018-09-28 [PMID: 30344945]

Xiang Y, Zhu Z, Han G et al. JARID1B is a histone H3 lysine 4 demethylase up-regulated in prostate cancer. *Proc Natl Acad Sci U S A* 2007-11-28 [PMID: 18048344]

Hayami S, Yoshimatsu M, Veerakumarasivam A et al. Overexpression of the JmjC histone demethylase KDM5B in human carcinogenesis: involvement in the proliferation of cancer cells through the E2F/RB pathway. *Mol Cancer.* 2010-05-13 [PMID: 20226085]

Mitra D, Das PM, Huynh FC, Jones FE. Jumonji/ARID1 B (JARID1B) Protein Promotes Breast Tumor Cell Cycle Progression through Epigenetic Repression of MicroRNA let-7e. *J Biol Chem.* 2011-10-03 [PMID: 21969366]



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Products Related to H00010765-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-97310PEP	Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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