

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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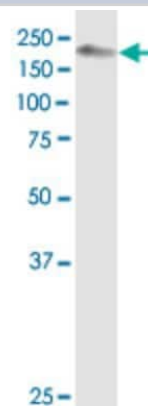


H00010765-M02**Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) - Azide and BSA Free**

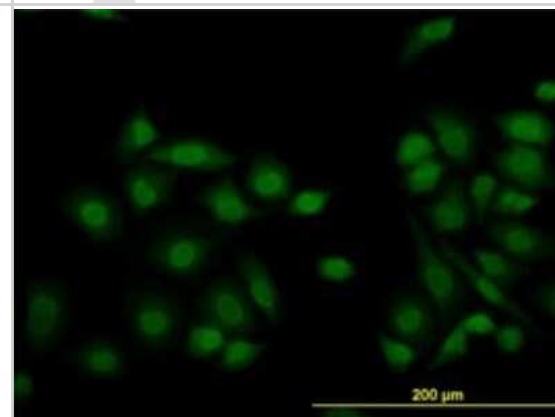
Product Information	
Unit Size	0.1 mg
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) - Azide and BSA Free (H00010765-M02) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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 KDYIVENEKEKPKSRSKKATNAVDLYVCLLCGSGN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunodiffusion, Immunohistochemistry
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.



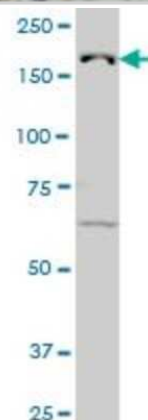
Immunocytochemistry/Immunofluorescence: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - Analysis of monoclonal antibody to KDM5B on HeLa cell . Antibody concentration 10 ug/ml.



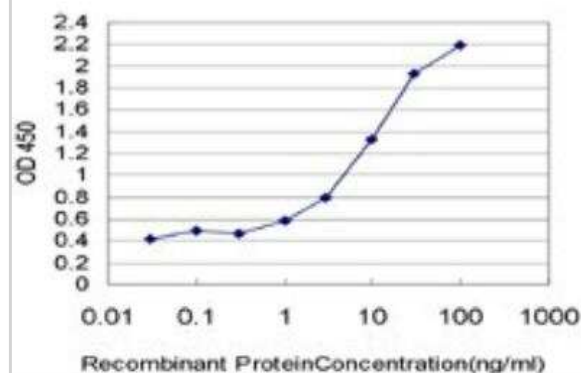
Immunohistochemistry-Paraffin: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (1G10) [H00010765-M02] - Analysis of monoclonal antibody to KDM5B on formalin-fixed paraffin-embedded human colon. Antibody concentration 1 ug/ml.



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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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