

Product Datasheet

Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody **22260002-0.1mg**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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22260002-0.1 mg

Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody

Product Information

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

Product Description

Host	Rabbit
Gene ID	10765
Gene Symbol	KDM5B
Species	Human
Reactivity Notes	Human.
Specificity/Sensitivity	This product is specific for Human JARID1B.
Immunogen	This antibody is specific for the Middle Region of the target protein (NM_006618).
Notes	Manufactured by SDIX's proprietary Genomic Antibody Technology™. GAT FAQs .

Product Application Details

Applications	Western Blot, ELISA, Flow Cytometry, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:5000-1:20000, Flow Cytometry, ELISA 1:100-1:2000, Chromatin Immunoprecipitation (ChIP)
Application Notes	This antibody is useful in ELISA and Western Blot. Use in FLOW was reported in the scientific literature (PMID: 23764003). Use in chromatin immunoprecipitation reported in scientific literature (PMID: 30472020).

Publications

Hinohara K, Wu HJ, Vigneau S et al. KDM5 Histone Demethylase Activity Links Cellular Transcriptomic Heterogeneity to Therapeutic Resistance. *Cancer Cell*. 2018-11-14 [PMID: 30472020] (Chemotaxis, Human)

Noguchi F, Inui S, Fedele C et al. Calcium-dependent enhancement by extracellular acidity of the cytotoxicity of mitochondrial inhibitors against melanoma. *Mol. Cancer Ther.* 2017-02-21 [PMID: 28223427] (FLOW, Human)

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity *J Proteome Res.* 2017-01-06 [PMID: 27769113] (MiAr)

Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays *J Proteome Res.* 2013-05-03 [PMID: 23541305] (MiAr)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.

Yuan P, Ito K, Perez-Lorenzo R et al. Phenformin enhances the therapeutic benefit of BRAFV600E inhibition in melanoma. *Proc Natl Acad Sci U S A.* 2013-11-05 [PMID: 24145418] (FLOW, Human)

Roesch A, Vultur A, Bogeski I et al. Overcoming Intrinsic Multidrug Resistance in Melanoma by Blocking the Mitochondrial Respiratory Chain of Slow-Cycling JARID1Bhigh Cells. *Cancer Cell* 2013-06-10 [PMID: 23764003] (FLOW, Human)

Strizzi L, Margaryan NV, Gilgur A et al. The significance of a Cripto-1 positive subpopulation of human melanoma cells exhibiting stem cell-like characteristics. *Cell Cycle* 2013-05-01 [PMID: 23574716] (WB, Human)



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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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