

Product Datasheet

KISS1 Antibody (1F7) - Azide and BSA Free H00003814-M05

Unit Size: 0.1 mg

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

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H00003814-M05

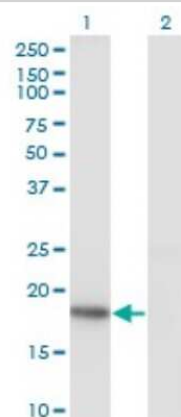
KISS1 Antibody (1F7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3814
Gene Symbol	KISS1
Species	Human
Specificity/Sensitivity	KISS1 - KiSS-1 metastasis-suppressor
Immunogen	KISS1 (NP_002247, 46 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PGEQSLPCTERKPAATARLSRRGTSLSPPESSGSPQQPGLSAPHSRQIPAPQ GAVLVQREKDLPNYNWNSFGLRFGKREAAAPGNHGRSAGRGWGAGAGQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA.

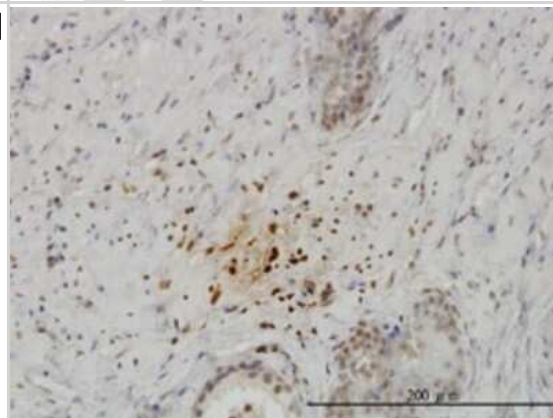


Images

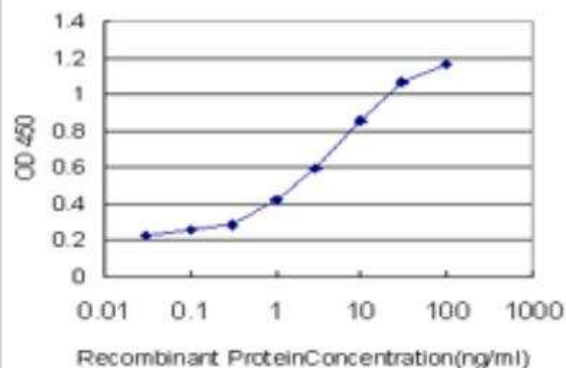
Western Blot: KISS1 Antibody (1F7) [H00003814-M05] - Analysis of KISS1 expression in transfected 293T cell line by KISS1 monoclonal antibody (M05), clone 1F7. Lane 1: KISS1 transfected lysate (14.7 KDa). Lane 2: Non-transfected lysate.



Immunohistochemistry-Paraffin: KISS1 Antibody (1F7) [H00003814-M05] - Analysis of monoclonal antibody to KISS1 on formalin-fixed paraffin-embedded human prostate. Antibody concentration 3 ug/ml



ELISA: KISS1 Antibody (1F7) [H00003814-M05] - Detection limit for recombinant GST tagged KISS1 is approximately 0.3ng/ml as a capture antibody.



Publications

Zhu W, Gao A, Chen X et al. Expression of KiSS-1 in Epithelial Ovarian Cancer and its Role in Metastasis. Applied Mechanics and Materials 2011-01-01

Sitticharoon C, Boonpuan V, Mitrpant C et al. Determination of KISS1, KISS1R and Kisspeptin in Fat Tissue of Normal Weight and Obese Humans and Correlations between Serum Kisspeptin and Leptin. Siriraj medical journal 2013-04-02 (ICC/IF, Human)

Shin WJ, Cho YA, Kang KR et al. KiSS-1 expression in oral squamous cell carcinoma and its prognostic significance. APMIS 2016-01-25 [PMID: 26809635]

Sitticharoon C, Boonpuan V, Mitrpant C, Churintaraphan M. Determination of KISS1, KISS1R and Kisspeptin in Fat Tissue of Normal Weight and Obese Humans and Correlations between Serum Kisspeptin and Leptin. Siriraj Med J 2013-01-01 [PMID: 26161358]

Martins CM, Fernandes BF, Anteckka E et al. Expression of the metastasis suppressor gene KISS1 in uveal melanoma. Eye. 2008-01-25 [PMID: 18219339]

Kang HS, Baba T, Mandai M et al. GPR54 is a target for suppression of metastasis in endometrial cancer. Mol Cancer Ther. 2011-01-31 [PMID: 21282360]

Baba Tsukasa, Kang Hyun Sook, Hosoe Yuko et al. Menstrual cyclic change of metastin/GPR54 in endometrium. Med Mol Morphol. 2014-06-08 [PMID: 24908069]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00003814-M05

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)
NBC1-18516	Recombinant Human KISS1 Protein

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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