

Product Datasheet

MEIS2 Antibody (1H4) - Azide and BSA Free H00004212-M01

Unit Size: 0.1 mg

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

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H00004212-M01

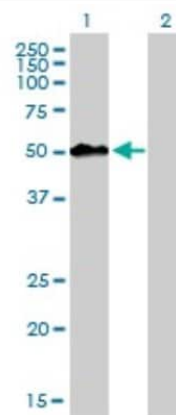
MEIS2 Antibody (1H4) - Azide and BSA Free

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	1H4
Preservative	No Preservative
Isotype	IgG1 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	4212
Gene Symbol	MEIS2
Species	Human, Mouse, Monkey
Specificity/Sensitivity	MEIS2 - Meis1, myeloid ecotropic viral integration site 1 homolog 2 (mouse)
Immunogen	MEIS2 (AAH01516, 1 a.a. ~ 381 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDGVGVPA SMYGD PHAPRPIPPVHHLNHGPPLHATQH YGAHAPHNPVMPAS MGS AVNDALKRDKDAIYGHPLFPLLALVFEKCELATCTPREPGVAGGDVCS SD SFNEDIAVFAKQVRAEKPLFSSNPELDNLMIQAIQVLRFHLLLEK VHELCDNFC HRYISCLKGKMPIDLVIDERDGSSKSDHEELSGSSTNLADHNPSSWRDHDDAT STHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDPDKDKKR QKKRGIFPKVATNIMRAWLFQHLTHPYPSEEQKKQLAQDTGLTILQVNNWFINA RRRIVQPMIDQSNRAVSQGAAYSPEGQPMGSFVLDGQQHMGIRPAGPMSGM GMNMGMDGQWHYM
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 cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

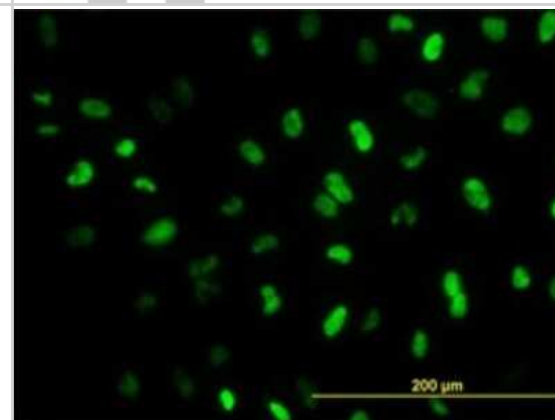


Images

Western Blot: MEIS2 Antibody (1H4) [H00004212-M01] - Analysis of MEIS2 expression in transfected 293T cell line by MEIS2 monoclonal antibody (M01), clone 1H4. Lane 1: MEIS2 transfected lysate(51.1 KDa). Lane 2: Non-transfected lysate.



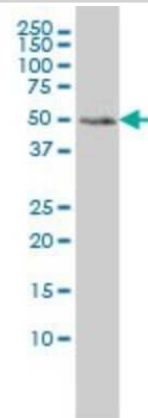
Immunocytochemistry/Immunofluorescence: MEIS2 Antibody (1H4) [H00004212-M01] - Analysis of monoclonal antibody to MEIS2 on HeLa cell. Antibody concentration 10 ug/ml.



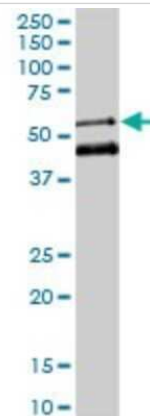
Immunohistochemistry-Paraffin: MEIS2 Antibody (1H4) [H00004212-M01] - Analysis of monoclonal antibody to MEIS2 on formalin-fixed paraffin-embedded human spleen tissue. Antibody concentration 1 ug/ml.



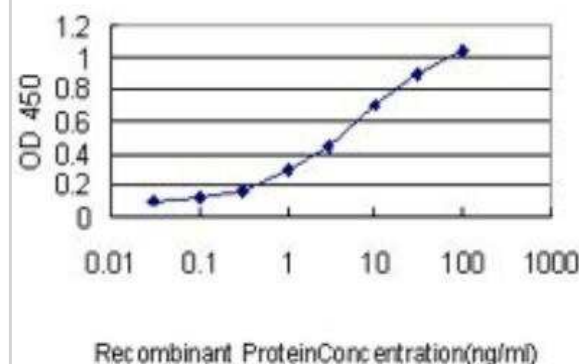
Western Blot: MEIS2 Antibody (1H4) [H00004212-M01] - MEIS2 monoclonal antibody (M01), clone 1H4 Analysis of MEIS2 expression in HeLa.



Western Blot: MEIS2 Antibody (1H4) [H00004212-M01] - MEIS2 monoclonal antibody (M01), clone 1H4. Analysis of MEIS2 expression in K-562.



ELISA: MEIS2 Antibody (1H4) [H00004212-M01] - Detection limit for recombinant GST tagged MEIS2 is approximately 0.03ng/ml as a capture antibody.



Publications

Shen C, Nayak A, Neitzel LR et al. The E3 ubiquitin ligase component, Cereblon, is an evolutionarily conserved regulator of Wnt signaling Nature communications 2021-09-06 [PMID: 34489457] (WB, Human)

Wright EK Jr, Page SH, Barber SA, Clements JE Prep1/Pbx2 complexes regulate CCL2 expression through the -2578 guanine polymorphism. Genes Immun 2008-07-01 [PMID: 18480829]

Bjerke GA, Hyman-Walsh C, Wotton D. Cooperative transcriptional activation by klf4, meis2, and pbx1. Mol Cell Biol. 2011-07-11 [PMID: 21746878]

Fischer ES, Bohm K, Lydeard JR et al. Structure of the DDB1-CRBN E3 ubiquitin ligase in complex with thalidomide. Nature. 2014-07-16 [PMID: 25043012]

Garcia-Moreno F, Pedraza M, Di Giovannantonio LG et al. A neuronal migratory pathway crossing from diencephalon to telencephalon populates amygdala nuclei. Nat Neurosci 13(6):680-9. 2010-06-01 [PMID: 20495559]



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Products Related to H00004212-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004212-P01-10ug	Recombinant Human MEIS2 GST (N-Term) 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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