

Product Datasheet

ZNF143 Antibody (2B4) - Azide and BSA Free H00007702-M01

Unit Size: 0.1 mg

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

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H00007702-M01

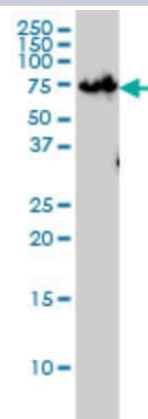
ZNF143 Antibody (2B4) - Azide and BSA Free

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	2B4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7702
Gene Symbol	ZNF143
Species	Human, Mouse
Specificity/Sensitivity	ZNF143 - zinc finger protein 143 (clone pHZ-1)
Immunogen	ZNF143 (AAH20219, 1 a.a. ~ 626 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MTEFPGGGMEAQHVTLCLTEAVTVADGDNLENMEGVSLQAVTLADGSTAYIQ HNSKDAKLIDGQVIQLEDGSAAYVQHVPKSTGDSLRLLEDGQAVQLEDGTTAF IHHTSKDSYDQSALQAVQLEDGTTAYIHHAVQVPQSDTILAIQADGTVAGLHTG DATIDPDTISALEQYAAKVSIDGSESVAGTGMIGENEQEKKMQIVLQGHATRV AKSQQSGEKAFRCEYDGCGLYTTAHHLKVHERSHTGDRPYQCEHAGCGKA FATGYGLKSHVRTHTEKPYRCSEDNCTKSFKTSGDLQKHIRTHTGERPFKCP FEGCGRSFTTSNIRKVHVRTHTEGERPYCYCTEPGCGRAFASATNYKNHVRIHTG EKPYVCTVPGCDKRFTEYSSLYKHHVVHTHSPYNCNHCGKTYKQISTLVMHK RTAHNDTEPIEEEQEAFEPGPGQGEDVLKGSQITYVTGVEGDDVSTQVATV TQGLSQQVTLISQDGTQHVNISQADMQAIGNTITMVTQDGTPTVPAHDAVISS AGTHSVAMVTAEGTEGQQVAIVAQDLAAFHTASSEMGGHQQHSHHLVTTETRP LTLVATSNGTQIAVQLGEQPSLEEAIIRIASRIQQGETPGLDD
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, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Application Notes	This antibody reactivity against cell lysate and recombinant protein for WB. IT has been used for IF, IHC-P, and ELISA. ChIP usage reported in scientific literature (PMID: 25645053).

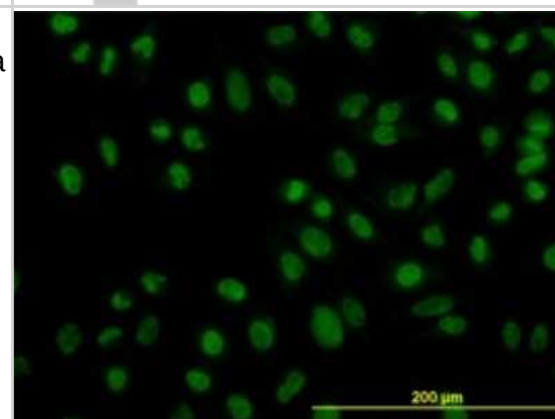


Images

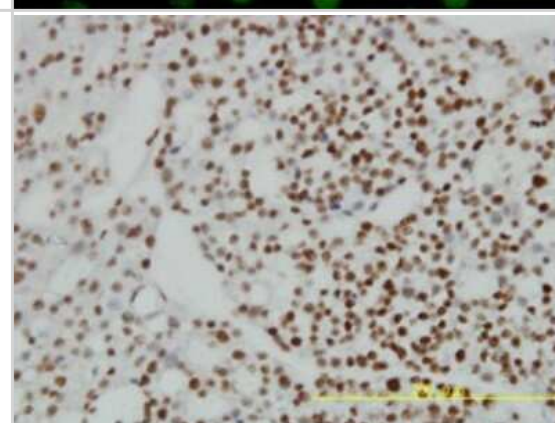
Western Blot: ZNF143 Antibody (2B4) [H00007702-M01] - ZNF143 monoclonal antibody (M01), clone 2B4 Analysis of ZNF143 expression in HeLa S3 NE.



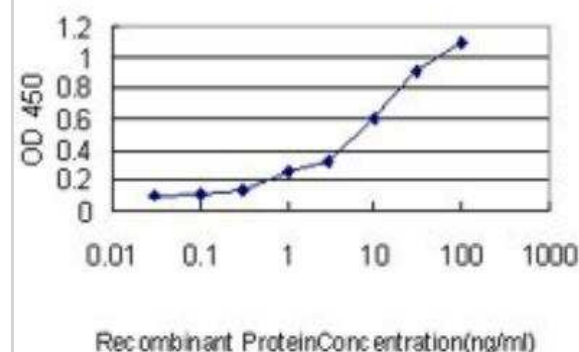
Immunocytochemistry/Immunofluorescence: ZNF143 Antibody (2B4) [H00007702-M01] - Analysis of monoclonal antibody to ZNF143 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: ZNF143 Antibody (2B4) [H00007702-M01] - Analysis of monoclonal antibody to ZNF143 on formalin-fixed paraffin-embedded human ovary, clear cell carcinoma tissue. Antibody concentration 3 ug/ml.



ELISA: ZNF143 Antibody (2B4) [H00007702-M01] - Detection limit for recombinant GST tagged ZNF143 is approximately 0.1ng/ml as a capture antibody.



Publications

Witkowski MT, Lee S, Wang E et al. NUDT21 limits CD19 levels through alternative mRNA polyadenylation in B cell acute lymphoblastic leukemia *Nature Immunology* 2022-10-01 [PMID: 36138187]

Shuai L, Yaqiang C, Kairong C et al. Hi-TrAC reveals division of labor of transcription factors in organizing chromatin loops. *Nat Commun.* 2022-11-05 [PMID: 36335136]

Cobo I, Tanaka TN, Chandra Mangalhara K et al. DNA methyltransferase 3 alpha and TET methylcytosine dioxygenase 2 restrain mitochondrial DNA-mediated interferon signaling in macrophages *Immunity* 2022-08-09 [PMID: 35931086]

Papageorgiou DN, Karkoulia E, Amaral-Psarris A et al. Distinct and overlapping DNMT1 interactions with multiple transcription factors in erythroid cells: Evidence for co-repressor functions. *Biochim Biophys Acta* 2016-12-01 [PMID: 27693117]

Vinckevicius A, Parker JB, Chakravarti D. Genomic Determinants of THAP11/ZNF143/HCF1 Complex Recruitment to Chromatin. *Mol Cell Biol.* 2015-12-15 [PMID: 26416877]

Bailey SD, Zhang X, Desai K et al. ZNF143 provides sequence specificity to secure chromatin interactions at gene promoters *Nat Commun.* 2015-02-03 [PMID: 25645053] (Chemotaxis, Human)

Lu W, Chen Z, Zhang H et al. ZNF143 transcription factor mediates cell survival through upregulation of the GPX1 activity in the mitochondrial respiratory dysfunction *Cell Death Dis* 2012-11-15 [PMID: 23152058] (WB, Human)

Chen X, Fang F, Liou YC et al. Zfp143 regulates Nanog through modulation of Oct4 binding. *Stem Cells*;26(11):2759-67. 2008-11-01 [PMID: 18687992]





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Products Related to H00007702-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)
NBP2-57806PEP	ZNF143 Recombinant Protein Antigen

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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