

Product Datasheet

HOXB7 Antibody (4F9) - Azide and BSA Free H00003217-M01

Unit Size: 0.1 mg

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

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H00003217-M01

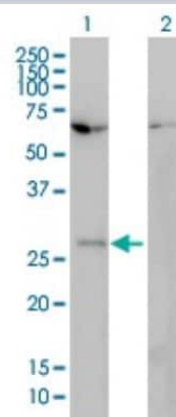
HOXB7 Antibody (4F9) - Azide and BSA Free

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	4F9
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	3217
Gene Symbol	HOXB7
Species	Human
Specificity/Sensitivity	HOXB7 (4F9)
Immunogen	HOXB7 (NP_004493, 55 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MQGLYPGGGGMAGQSAAGVYAAGYGLEPSSFNMHCAPFEQNLSGVCPGDS AKAAGAKEQRDSDLAA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

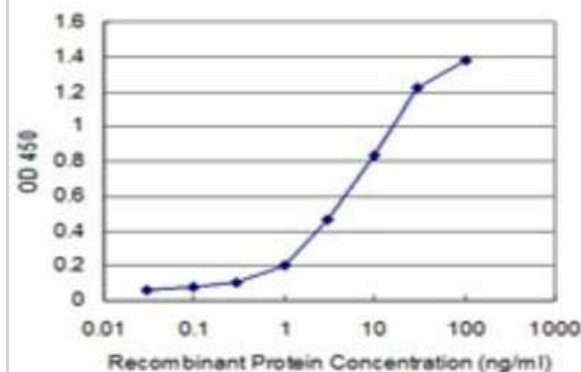


Images

Western Blot: HOXB7 Antibody (4F9) [H00003217-M01] - Analysis of HOXB7 expression in transfected 293T cell line by HOXB7 monoclonal antibody (M01), clone 4F9. Lane 1: HOXB7 transfected lysate(23.97 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: HOXB7 Antibody (4F9) [H00003217-M01] - Detection limit for recombinant GST tagged HOXB7 is approximately 0.3ng/ml as a capture antibody.



Publications

di Pietro M, Lao-Sirieix P, Boyle S et al. Evidence for a functional role of epigenetically regulated midcluster HOXB genes in the development of Barrett esophagus. *Proc Natl Acad Sci U S A*. 2012-05-17 [PMID: 22603795]

Fernez LC, Errico MC, Bottero L et al. Oncogenic HoxB7 requires TALE cofactors is inactivated by a dominant-negative Pbx1 mutant in a cell-specific manner. *Cancer Lett*;266(2):144-55. 2008-08-08 [PMID: 18378073]



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Products Related to H00003217-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)
H00003217-Q01-10ug	Recombinant Human HOXB7 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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