

# Product Datasheet

## HOXC13 Antibody (10D4) - Azide and BSA Free H00003229-M01

Unit Size: 0.1 mg

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

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**H00003229-M01**

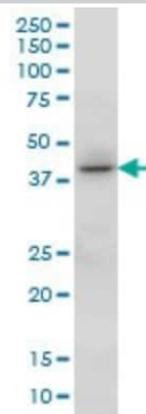
HOXC13 Antibody (10D4) - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	10D4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	3229
<b>Gene Symbol</b>	HOXC13
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	HOXC13 - homeo box C13
<b>Immunogen</b>	HOXC13 (NP_059106, 132 a.a. ~ 231 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CRLSHNVNLQQKPCAYHPGDKYPEPSGALPGDDLSSRAKEFAFYPSFASSYQ AMPGYLDVSVVPGISGHPEPRHDALIPVEGYQHWALSNGWDSQVYCSK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA 1:100-1:2000
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

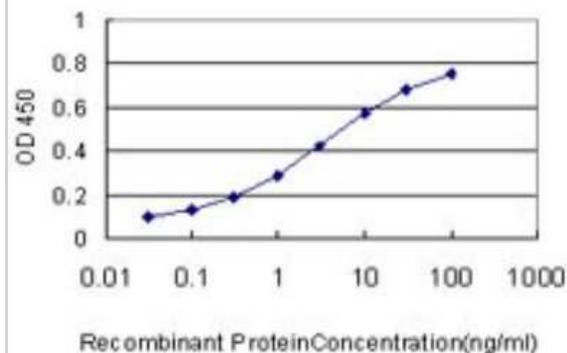


## Images

Western Blot: HOXC13 Antibody (10D4) [H00003229-M01] - HOXC13 monoclonal antibody (M01), clone 10D4 Analysis of HOXC13 expression in A-549.



Sandwich ELISA: HOXC13 Antibody (10D4) [H00003229-M01] - Detection limit for recombinant GST tagged HOXC13 is approximately 0.1ng/ml as a capture antibody.



## Publications

Hwang J, Mehrani T, Millar SE et al. Dlx3 is a crucial regulator of hair follicle differentiation cycling. *Development*;135 (18):3149-3159. 2008-01-01 [PMID: 18684741]

Mill P, Lee AW, Fukata Y et al. Palmitoylation regulates epidermal homeostasis and hair follicle differentiation. *PLoS Genet* 5(11):e1000748. 2009-11-01 [PMID: 19956733]



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### **Products Related to H00003229-M01**

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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)
NBP2-47428PEP	HOXC13 Recombinant Protein Antigen

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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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