

# Product Datasheet

## MYST3 Antibody (4D8) - Azide and BSA Free H00007994-M07

Unit Size: 0.1 mg

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

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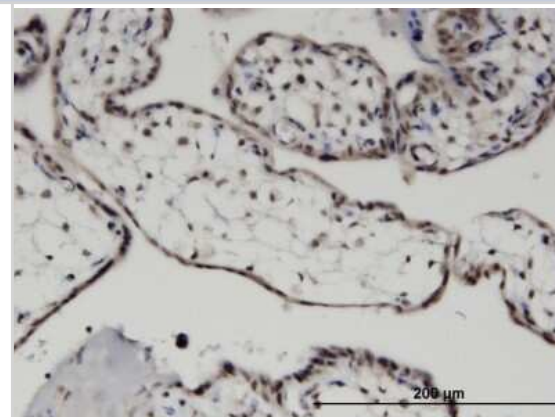
**H00007994-M07**

MYST3 Antibody (4D8) - Azide and BSA Free

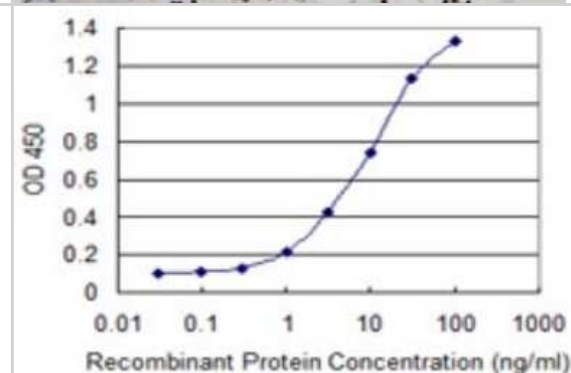
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4D8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7994
<b>Gene Symbol</b>	KAT6A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Reacts with MYST histone acetyltransferase (monocytic leukemia) 3.
<b>Immunogen</b>	MYST3 (NP_006757, 81 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ALPKPRNHGKLDNKQNVWDWNKLIKRAVEGLAESGGSTLKSIERFLKGQKDVSA LFGGSAASGFHQQLRLAIKRAIGHGRLLKDGPLYRLNTKATNVDGK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Application Notes</b>	This antibody is reactive against recombinant protein in WB and ELISA.

## Images

Immunohistochemistry-Paraffin: MYST3 Antibody (4D8) [H00007994-M07] - Analysis of monoclonal antibody to MYST3 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml



Sandwich ELISA: MYST3 Antibody (4D8) [H00007994-M07] - Detection limit for recombinant GST tagged MYST3 is 0.3 ng/ml as a capture antibody.



## Publications

W Liu, Z Zhan, M Zhang, B Sun, Q Shi, F Luo, M Zhang, W Zhang, Y Hou, X Xiao, Y Li, H Feng KAT6A, a novel regulator of  $\beta$ -catenin, promotes tumorigenicity and chemoresistance in ovarian cancer by acetylating COP1 Theranostics, 2021-04-15;11(13):6278-6292. 2021-04-15 [PMID: 33995658]

Pei G, Kun Z, Wu hao L et al. miR-339-3p inhibits cell growth and epithelial-mesenchymal transition in nasopharyngeal carcinoma by modulating the KAT6A/TRIM24 axis. Int J Clin Oncol. 2022-08-17 [PMID: 35976474]



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### **Products Related to H00007994-M07**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00007994-Q01-10ug	Recombinant Human MYST3 GST (N-Term) Protein

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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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