

# Product Datasheet

## HECTD1 Antibody (1E10) - Azide and BSA Free H00025831-M03

Unit Size: 0.1 mg

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

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### Publications: 6

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**H00025831-M03**

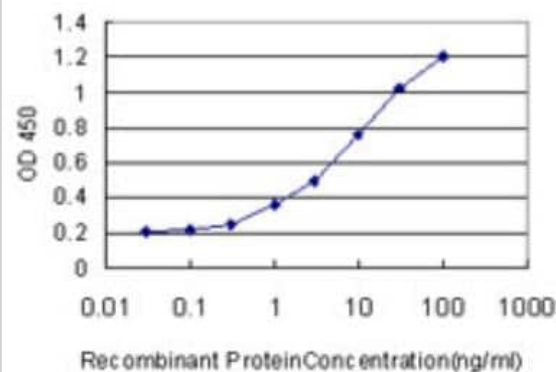
HECTD1 Antibody (1E10) - Azide and BSA Free

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>	1E10
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Novus Biologicals Mouse HECTD1 Antibody (1E10) - Azide and BSA Free (H00025831-M03) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-HECTD1 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	25831
<b>Gene Symbol</b>	HECTD1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 24855001) Other species not tested. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	HECTD1 - HECT domain containing 1
<b>Immunogen</b>	HECTD1 (NP_056197, 3 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DVPDPTLLEWLQMGQGDERDMQLIALEQLCMLLLMSDNVDRCFETCPPRTFL PALCKIFLDESAPDNVLEVTARAITYYLDVSAECTRRIVGVDGAIKALCNRLVVVE
<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-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	Antibody reactive against recombinant protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. Use in Immunohistochemistry-Frozen reported in scientific literature (PMID 24855001). Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 22431752)



## Images

ELISA: HECTD1 Antibody (1E10) [H00025831-M03] - Detection limit for recombinant GST tagged HECTD1 is approximately 0.3ng/ml as a capture antibody.



## Publications

Xinggong W, Christian G, Zanhui J et al. HECTD1 regulates the expression of SNAIL: Implications for epithelial-mesenchymal transition. *Int J Oncol.* 2020-02-27 [PMID: 32319576]

Sugrue KF, Sarkar AA, Leatherbury L, Zohn IE. The ubiquitin ligase HECTD1 promotes retinoic acid signaling required for development of the aortic arch. *Dis Model Mech* 2018-12-21 [PMID: 30578278] (IF/IHC, Mouse)

Shen X, Jia Z, D'Alonzo D et al. HECTD1 controls the protein level of IQGAP1 to regulate the dynamics of adhesive structures. *Cell Commun Signal* 2017-01-05 [PMID: 28073378]

Sarkar AA, Sabatino JA, Sugrue KF, Zohn IE. Abnormal labyrinthine zone in the Hectd1-null placenta. *Placenta* 2016-02-01 [PMID: 26907377]

Sarkar AA, Zohn IE. Hectd1 regulates intracellular localization and secretion of Hsp90 to control cellular behavior of the cranial mesenchyme. *J Cell Biol.* 2012-03-19 [PMID: 22431752] (ICC/IF, Mouse)

Sarkar AA, Nuwayhid SJ, Maynard T et al. Hectd1 is required for development of the junctional zone of the placenta. *Dev. Biol.* 2014-05-20 [PMID: 24855001] (WB, IHC-Fr, Mouse)



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### **Products Related to H00025831-M03**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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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