

# Product Datasheet

## Nova1 Antibody (5D9) - Azide and BSA Free H00004857-M10

Unit Size: 0.1 mg

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

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**H00004857-M10**

Nova1 Antibody (5D9) - 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>	5D9
<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**

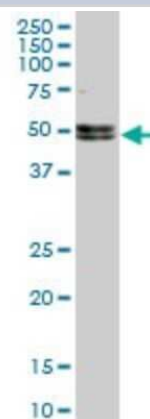
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	4857
<b>Gene Symbol</b>	NOVA1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	NOVA1 - neuro-oncological ventral antigen 1 (5D9)
<b>Immunogen</b>	NOVA1 (NP_002506, 408 a.a. ~ 507 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SAILGTEKSTDGSKDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKKG FVPGTRNRKVTITGTPAATQAAQYLITQRITYEQGVRAANPQKVG
<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
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

**Images**

Western Blot: Nova1 Antibody (5D9) [H00004857-M10] - Analysis of NOVA1 expression in PC-12 (Cat # L012V1).



## Publications

Wenchuan Q, Hongjuan F, Xinye L et al. Electroacupuncture at PC6 (Neiguan) Attenuates Angina Pectoris in Rats with Myocardial Ischemia-Reperfusion Injury Through Regulating the Alternative Splicing of the Major Inhibitory Neurotransmitter Receptor GABRG2. J Cardiovasc Transl Res. 2022-04-04 [PMID: 35377129]

Lin JC, Lee YC, Liang YC et al. The impact of the RBM4-initiated splicing cascade on modulating the carcinogenic signature of colorectal cancer cells. Sci Rep 2017-03-09 [PMID: 28276498]

Lin JC, Chi YL, Peng HY, Lu LH. RBM4–Nova1–SRSF6 splicing cascade modulates the development of brown adipocytes. Biochimica et Biophysica Acta (BBA) - Gene Regulatory Mechanisms 2016-08-12 [PMID: 27535496]





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### **Products Related to H00004857-M10**

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)
H00004857-P01-10ug	Recombinant Human Nova1 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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