

# Product Datasheet

## Adenylate Cyclase 2 Antibody (1D4) - Azide and BSA Free H00000108-M01

Unit Size: 0.1 mg

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

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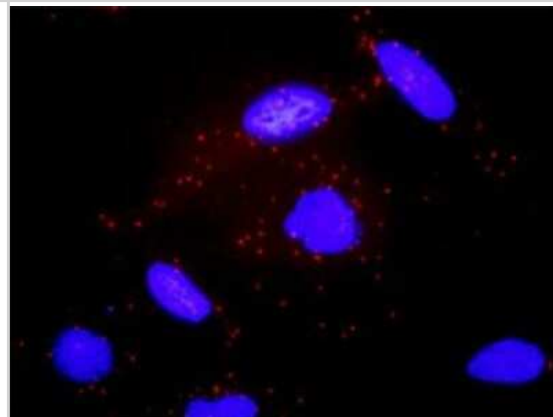


**H00000108-M01****Adenylate Cyclase 2 Antibody (1D4) - Azide and BSA Free**

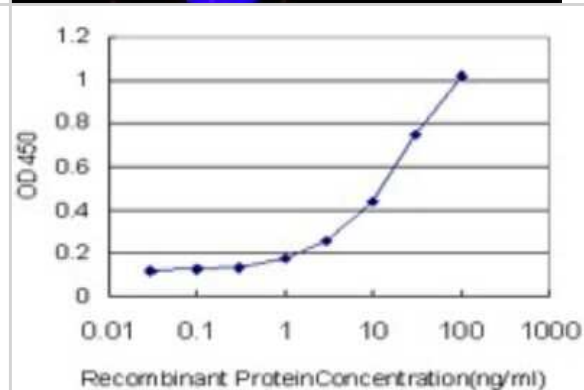
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1D4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	IgG 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>	108
<b>Gene Symbol</b>	ADCY2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ADCY2 (1D4)
<b>Immunogen</b>	ADCY2 (NP_065433, 977 a.a. ~ 1086 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GKLDAINKHSEFDFKLRVGINHGPVIAGVIGAQKPQYDIWGNTVNVASRMDSTG VLDKIQVTEETSLVLQTLGYTCTCRGIINVKGKGDLDKTYFVNTEMSRSLSQSNVA S
<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>	ELISA, Proximity Ligation Assay
<b>Recommended Dilutions</b>	ELISA, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against recombinant protein on ELISA. GST alone used as a negative control.

## Images

Proximity Ligation Assay: Adenylate Cyclase 2 Antibody (1D4) [H00000108-M01] - Analysis of protein-protein interactions between GNAS and ADCY2. HeLa cells were stained with anti-GNAS rabbit purified polyclonal 1:1200 and anti-ADCY2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: Adenylate Cyclase 2 Antibody (1D4) [H00000108-M01] - Detection limit for recombinant GST tagged ADCY2 is approximately 1ng/ml as a capture antibody.





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### **Products Related to H00000108-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00000108-Q01-10ug	Recombinant Human Adenylate Cyclase 2 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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