

# Product Datasheet

## PDE5A Antibody (9H5) - Azide and BSA Free H00008654-M01

Unit Size: 0.1 mg

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

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**H00008654-M01**

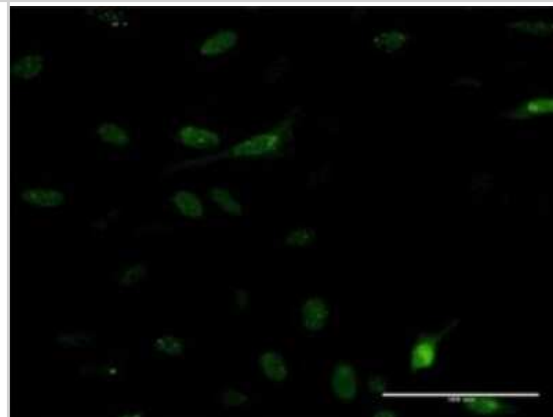
PDE5A Antibody (9H5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9H5
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	8654
Gene Symbol	PDE5A
Species	Human, Plant
Specificity/Sensitivity	PDE5A - phosphodiesterase 5A, cGMP-specific
Immunogen	PDE5A (NP_001074, 29 a.a. ~ 138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SVEAWLDDHWDFTFSYFVRKATREMVNAWFAERVHTIPVCKEGIRGHTESCS CPLQQSPRADNSVPGTPTRKISASEFDRPLRPVVKDSEGTVSFLSDSEKKEQ MPLTP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

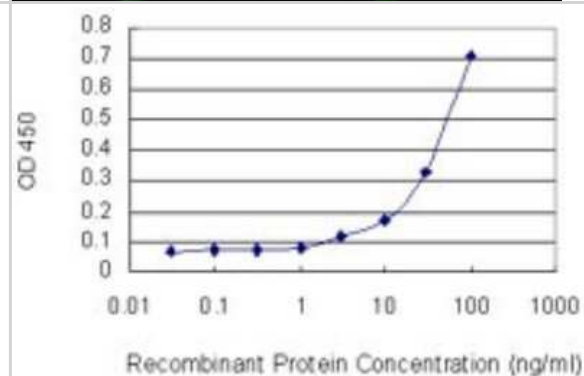


## Images

Immunocytochemistry/Immunofluorescence: PDE5A Antibody (9H5) [H00008654-M01] - Analysis of monoclonal antibody to PDE5A on HeLa cell . Antibody concentration 20 ug/ml.



Sandwich ELISA: PDE5A Antibody (9H5) [H00008654-M01] - Detection limit for recombinant GST tagged PDE5A is 1 ng/ml as a capture antibody.



## Publications

Maharaj CH, O'Toole D, Lynch T et al. Effects and mechanisms of action of sildenafil citrate in human chorionic arteries. *Reprod Biol Endocrinol*;7:34. 2009-04-23 [PMID: 19389232]



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### **Products Related to H00008654-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
H00008654-Q01-10ug	Recombinant Human PDE5A 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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