

# Product Datasheet

## Cytochrome b5 type A Antibody (1A8) - Azide and BSA Free H00001528-M06-100ug

Unit Size: 100 ug

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

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**H00001528-M06-100ug**

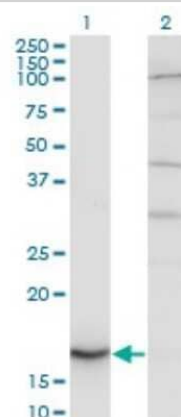
Cytochrome b5 type A Antibody (1A8) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                                                                 |
| 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                       | 1A8                                                                                                                                                                                                                                                                    |
| Preservative                | No Preservative                                                                                                                                                                                                                                                        |
| Isotype                     | IgG1 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                     | 1528                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | CYB5A                                                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | CYB5A - cytochrome b5 type A (microsomal) (1A8)                                                                                                                                                                                                                        |
| Immunogen                   | CYB5A (AAH15182, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MAEQSDEAVKYYTLEEIQKHNHNSKSTWLILHHKVYDLTKFLEEHPGGEEVLRE<br>QAGGDATENFEDVGHSTDAREMSKTFIIGELHPDDRPKLNKPPETLITTIDSSSS<br>WWTNWVIPAISAVAVALMYRLYMAED |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                        |
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                         |
| Application Notes           | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.                                                                                                                                             |

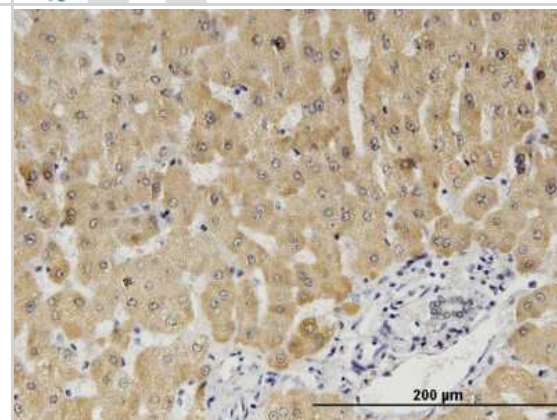


## Images

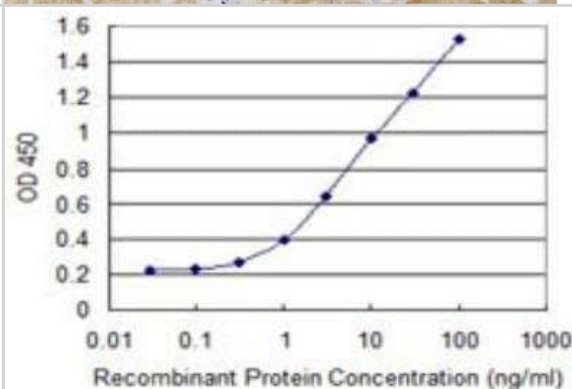
Western Blot: Cytochrome b5 type A Antibody (1A8) [H00001528-M06] - Analysis of CYB5A expression in transfected 293T cell line by CYB5A monoclonal antibody (M06), clone 1A8. Lane 1: CYB5A transfected lysate (15.3 KDa). Lane 2: Non-transfected lysate.



Immunohistochemistry-Paraffin: Cytochrome b5 type A Antibody (1A8) [H00001528-M06] - Analysis of monoclonal antibody to CYB5A on formalin-fixed paraffin-embedded human liver. Antibody concentration 3 ug/ml



ELISA: Cytochrome b5 type A Antibody (1A8) [H00001528-M06] - Detection limit for recombinant GST tagged CYB5A is 0.1 ng/ml as a capture antibody.



## Publications

Ming DS, Pham S, Deb S et al. Pomegranate extracts impact the androgen biosynthesis pathways in prostate cancer models in vitro and in vivo. J Steroid Biochem Mol Biol 2014-02-22 [PMID: 24565566]



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### **Products Related to H00001528-M06-100ug**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| 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)           |
| NBP1-72422-100ug | Recombinant Human Cytochrome b5 type A His 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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