

# Product Datasheet

## HMBS Antibody (3E8) - Azide and BSA Free H00003145-M01

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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**H00003145-M01**

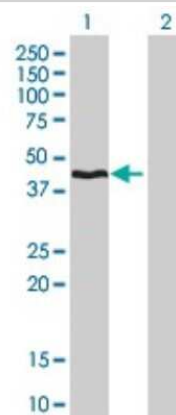
HMBS Antibody (3E8) - Azide and BSA Free

| 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                       | 3E8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype                     | IgG2a 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                     | 3145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | HMBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity     | HMBS (3E8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                   | HMBS (AAH00520.1, 1 a.a. ~ 361 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MSGNGNAAATAEENSPKMRVIRVGTRKSQLARIQTDSVVATLKASYPGLQFEII<br>AMSTTGDKIPDTALSKIGEKSFLTKELEHALEKNEVDLVVHSLKDLPTVLPPGFTI<br>GAICKRENPHDAVVFHFKFVGKTLETLPKSVVGTSSLRRAAQLQRKFPHLEF<br>RSIRGNLNTRLRLKLDEQQEFSAILATAGLQRMGWHNRVGQILHPEECMYAVG<br>QGALGVEVRAKDQDILDVLGVLDHPETLLRCIAERAFLRHLEGGCSVPVAVHTA<br>MKDGQLYLTGGVWSLDGSDSIQETMQATIHVPAQHEDGPEDDPQLVGITARNI<br>PRGPQLAAQNLGISLANLLLSKGAKNILDVARQLNDAH |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes           | Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.                                                                                                                                                                                                                                                                                                                                                                                                               |

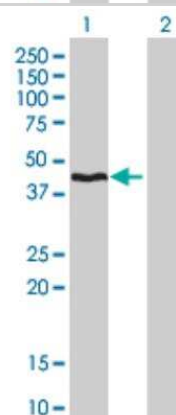


## Images

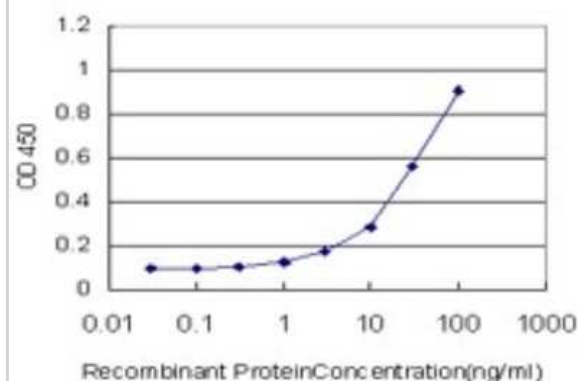
Western Blot: HMBS Antibody (3E8) [H00003145-M01] - Analysis of HMBS expression in transfected 293T cell line by HMBS monoclonal antibody (M01), clone 3E8. Lane 1: HMBS transfected lysate(39.71 KDa). Lane 2: Non-transfected lysate.



Western Blot: HMBS Antibody (3E8) [H00003145-M01] - analysis of HMBS expression in transfected 293T cell line by HMBS monoclonal antibody (M01), clone 3E8.



Sandwich ELISA: HMBS Antibody (3E8) [H00003145-M01] - Detection limit for recombinant GST tagged HMBS is approximately 1ng/ml as a capture antibody.





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### **Products Related to H00003145-M01**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| NBP1-99086-100ug | Recombinant Human HMBS His 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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