

# Product Datasheet

## ECH1 Antibody (5G8) - Azide and BSA Free H00001891-M01

Unit Size: 0.1 mg

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

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**H00001891-M01**

ECH1 Antibody (5G8) - 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>         | 5G8                                                                                                              |
| <b>Preservative</b>  | No Preservative                                                                                                  |
| <b>Isotype</b>       | IgG2b Kappa                                                                                                      |
| <b>Purity</b>        | IgG purified                                                                                                     |
| <b>Buffer</b>        | In 1x PBS, pH 7.4                                                                                                |

**Product Description**

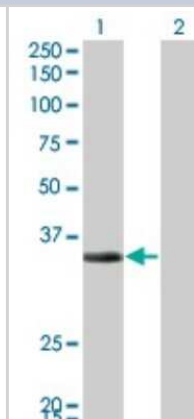
|                                |                                                                                                                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                          |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                         |
| <b>Gene ID</b>                 | 1891                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>             | ECH1                                                                                                                                                                                                                          |
| <b>Species</b>                 | Human                                                                                                                                                                                                                         |
| <b>Specificity/Sensitivity</b> | ECH1 - enoyl Coenzyme A hydratase 1, peroxisomal                                                                                                                                                                              |
| <b>Immunogen</b>               | ECH1 (NP_001389, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag.<br>MW of the GST tag alone is 26 KDa.<br>GSNYPGLSISLRLTGSSAQEEASGVALGEAPDHSYESLRVTSAQKHVLHVQLN<br>RPNKRNAMNKVFWREMECFNKISRADCRAVVISGAGKMFTAGIDL |
| <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 transfected lysate and recombinant protein for WB. It has been used for ELISA. |

**Images**

Western Blot: ECH1 Antibody (5G8) [H00001891-M01] - Analysis of ECH1 expression in transfected 293T cell line by ECH1 monoclonal antibody (M01), clone 5G8. Lane 1: ECH1 transfected lysate(35.8 KDa). Lane 2: Non-transfected lysate.



## **Publications**

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01





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### **Products Related to H00001891-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)    |
| NBP1-48389-0.1mg | Recombinant Human ECH1 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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