

# Product Datasheet

## alpha 1-Acid Glycoprotein Antibody (2F9-1F10) - Azide and BSA Free H00005004-M01

Unit Size: 0.1 mg

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

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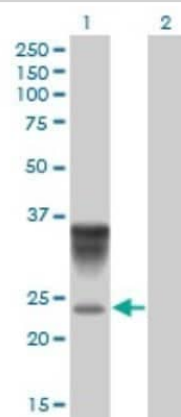
**H00005004-M01**

alpha 1-Acid Glycoprotein Antibody (2F9-1F10) - Azide and BSA Free

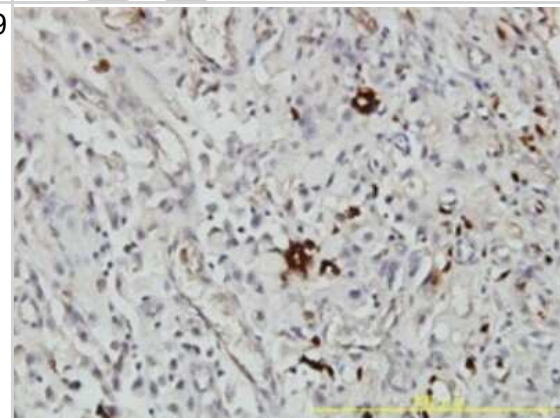
| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 mg  |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | 2F9-1F10  |
| <b>Preservative</b>                | No Preservative   |
| <b>Isotype</b>                     | IgG1 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>                     | 5004  |
| <b>Gene Symbol</b>                 | ORM1  |
| <b>Species</b>                     | Human   |
| <b>Specificity/Sensitivity</b>     | ORM1 - orosomuroid 1  |
| <b>Immunogen</b>                   | ORM1 (AAH26238, 18 a.a. ~ 201 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>AQIPLCANLVPVPITNATLDRITGKWFYIASAFRNEEYNKSVQEIQATFFYFTPNK<br>TEDITFLREYQTRQDQCIYNTTYLNVQRENGTISRIVGGQEHFHLLILRDTKTY<br>MLAFDVNDEKNWGLSVYADKPETTKEQLGEFYALDCLRIPKSDVVYTDWKKD<br>KCEPLEKQHEKERKQEEGES |
| <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>                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated  |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:1000, Immunohistochemistry-Paraffin 1:10-1:500, Knockdown Validated  |
| <b>Application Notes</b>           | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA.   |

## Images

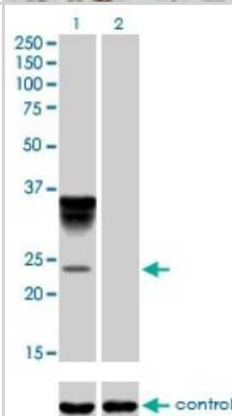
Western Blot: alpha 1-Acid Glycoprotein Antibody (2F9-1F10) [H00005004-M01] - Analysis of ORM1 expression in transfected 293T cell line by ORM1 monoclonal antibody (M01), clone 2F9-1F10. Lane 1: ORM1 transfected lysate (23.5 kDa). Lane 2: Non-transfected lysate.



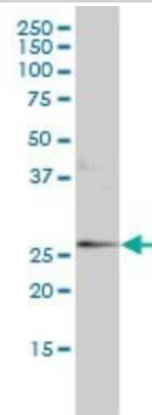
Immunohistochemistry-Paraffin: alpha 1-Acid Glycoprotein Antibody (2F9-1F10) [H00005004-M01] - Analysis of monoclonal antibody to ORM1 on formalin-fixed paraffin-embedded human stomach carcinoma tissue. Antibody concentration 1 ug/ml.



Western Blot: alpha 1-Acid Glycoprotein Antibody (2F9-1F10) [H00005004-M01] - Analysis of ORM1 over-expressed 293 cell line, cotransfected with ORM1 Validated Chimera RNAi (Cat # H00005004-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with ORM1 monoclonal antibody (M01), clone 2F9-1F10 (Cat # H00005004-M01). GAPDH (36.1 kDa) used as specificity and loading control.



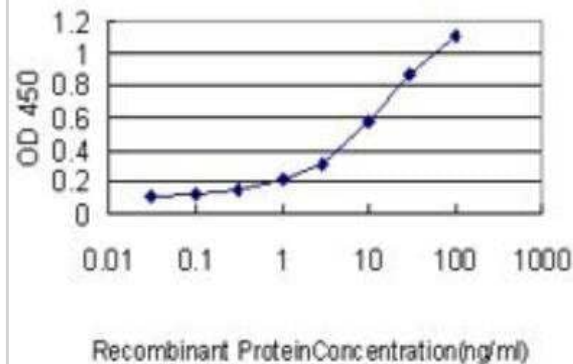
Western Blot: alpha 1-Acid Glycoprotein Antibody (2F9-1F10) [H00005004-M01] - ORM1 monoclonal antibody (M01), clone 2F9-1F10 Analysis of ORM1 expression in MCF-7.



Immunoprecipitation: alpha 1-Acid Glycoprotein Antibody (2F9-1F10) [H00005004-M01] - Analysis of ORM1 transfected lysate using anti-ORM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ORM1 MaxPab rabbit polyclonal antibody.



ELISA: alpha 1-Acid Glycoprotein Antibody (2F9-1F10) [H00005004-M01] - Detection limit for recombinant GST tagged ORM1 is approximately 0.1ng/ml as a capture antibody.



## Publications

Hyung SW, Lee MY, Yu JH et al. A serum protein profile predictive of the resistance to neoadjuvant chemotherapy in advanced breast cancers. *Mol Cell Proteomics*. 2011-07-28 [PMID: 21799047]



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### **Products Related to H00005004-M01**

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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)           |
| NBP3-18358-10ug  | Recombinant Human alpha 1-Acid Glycoprotein 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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