# Mouse anti-Human AGP1 Monoclonal Antibody | anti-AGP1 antibody

AGP1 (Alpha-1-acid Glycoprotein 1, AGP 1, Orosomucoid-1, OMD 1, ORM1) (HRP)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA25310** | **Mouse** | **Human** | **ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot** |

## PRODUCT SYNONYMS

AGP1; Monoclonal Antibody; AGP1 (Alpha-1-acid Glycoprotein 1; AGP 1; Orosomucoid-1; OMD 1; ORM1) (HRP); anti-AGP1 antibody

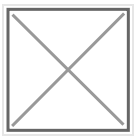
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Mouse |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1,k |
| **Clone Number** | 2F9-1F10 |
| **Specificity** | Recognizes human ORM1. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP). |
| **Applicable Applications for anti-AGP1 antibody** | ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot) |
| **Application Notes** | IHC-P: 1ug/ml<br>Applications are based on unconjugated antibody. |
| **Immunogen** | Full length recombinant corresponding to aa18-202 from human ORM1 (AAH26238) with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | AQIPLCANLVPVPITNATLDRITGKWFYIASAFRNEEYNKSVQEIQATFFYFTPNKTEDTIFLREYQTRQDQCIYNTTYLNVQRENGTISRYVGGQEHFAHLL |
| **Conjugate** | HRP |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor<br>immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP c |

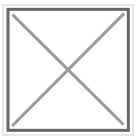
## IMAGES

**WB (Western Blot)**
Western blot analysis of ORM1 over-expressed 293 cell line, cotransfected with ORM1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ORM1 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.

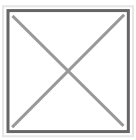
**Application Data**
Detection limit for recombinant GST tagged ORM1 is ~0.1ng/ml as a capture antibody.



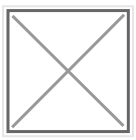
**IP (Immunoprecipitation)**
Immunoprecipitation of ORM1 transfected lysate using ORM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ORM1 rabbit polyclonal antibody.



**IHC (Immunohistochemistry)**
Immunoperoxidase of monoclonal antibody to ORM1 on formalin-fixed paraffin-embedded human stomach carcinoma tissue. [antibody concentration 1ug/ml]



**WB (Western Blot)**
Western Blot analysis of ORM1 expression in transfected 293T cell line by ORM1 monoclonal antibody. Lane 1: ORM1 transfected lysate (23.5kD). Lane 2: Non-transfected lysate.



**WB (Western Blot)**
ORM1 monoclonal antibody Western Blot analysis of ORM1 expression in MCF-7.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Product Categories/Family for anti-AGP1 antibody** | Antibodies; Carbohydrates; Glycoproteins |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 20070759 |
| **NCBI GeneID** | 5004 |
| **Molecular Weight** | 23,512 Da |
| **NCBI Official Full Name** | Homo sapiens orosomucoid 1, mRNA |
| **NCBI Official Synonym Full Names** | orosomucoid 1 |
| **NCBI Official Symbol** | ORM1 |
| **NCBI Official Synonym Symbols** | ORM; AGP1; AGP-A; HEL-S-153w |
| **NCBI Protein Information** | alpha-1-acid glycoprotein 1 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/agp1-antibody-clone-2f9-1f10-immunohistochemistry-immunoprecipitation-western-blot-elisa/25310