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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24717	**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) (Biotin); 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 Biotin.
Applicable Applications for anti-AGP1 antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 1ug/ml 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	Biotin
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 immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to re

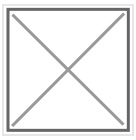
IMAGES



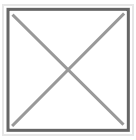
WB (Western Blot)
Western blot analysis of ORM1 over-expressed 293 cell line, cotransfected with ORM1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ORM1 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.



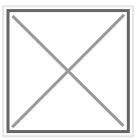
Application Data
Detection limit for recombinant GST tagged ORM1 is ~0.1ng/ml as a capture antibody.



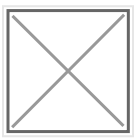
IP (Immunoprecipitation)
Immunoprecipitation of ORM1 transfected lysate using ORM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ORM1 rabbit polyclonal antibody.



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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/agp1-antibody-clone-2f9-1f10-immunohistochemistry-immunoprecipitation-western-blot-elisa/24717