Mouse GSTZ1 Monoclonal Antibody | anti-GSTZ1 antibody

GSTZ1 (Glutathione S-transferase zeta 1, Glutathione S-Transferase zeta 1, GSTZ1-1, Maleylacetoacetate Isomerase, MAAI, MAI, MGC2029) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24822	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

GSTZ1; Monoclonal Antibody; GSTZ1 (Glutathione S-transferase zeta 1; Glutathione S-Transferase zeta 1; GSTZ1-1; Maleylacetoacetate Isomerase; MAAI; MAI; MGC2029) (Biotin); anti-GSTZ1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1G12
Specificity	Recognizes human GSTZ1. Species Crossreactivity: mouse and rat.
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-GSTZ1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa109-216 from human GSTZ1 (NP_665877) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GIQPLQNLSVLKQVGEEMQLTWAQNAITCGFNALEQILQSTAGIYCVGDEVTMADLCLVPQVANAERFKVDLTPYPTISSINKRLLVLEAFQVSHPCRQPDT
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 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be r assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to GSTZ1 on HepG2 cell. [antibody concentration 10ug/ml].

WB (Western Blot)
Western Blot analysis of GSTZ1 expression in transfected 293T cell line by GSTZ1 monoclonal antibody. Lane 1: GSTZ1 transfected lysate (24.1kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
GSTZ1 monoclonal antibody. Western Blot analysis of GSTZ1 expression in NIH/3T3.

WB (Western Blot)
GSTZ1 monoclonal antibody, Western Blot analysis of GSTZ1 expression in HepG2.

WB (Western Blot)
GSTZ1 monoclonal antibody. Western Blot analysis of GSTZ1 expression in PC-12.

WB (Western Blot)
Western Blot detection against Immunogen (37.62kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-GSTZ1 antibody	Antibodies; Enzymes; Isomerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	22202624
NCBI GeneID	2954
NCBI Accession #	NP_665877
NCBI GenBank Nucleotide #	NM_145870
UniProt Accession #	O43708
Molecular Weight	24kDa
NCBI Official Full Name	maleylacetoacetate isomerase isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase zeta 1
NCBI Official Symbol	GSTZ1
NCBI Official Synonym Symbols	MAI; MAAI; MAAID; GSTZ1-1
NCBI Protein Information	maleylacetoacetate isomerase
UniProt Protein Name	Maleylacetoacetate isomerase
UniProt Gene Name	**GSTZ1**
UniProt Synonym Gene Names	MAAI; MAAI
UniProt Entry Name	MAAI_HUMAN

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/gstz1-antibody-clone-1g12-immunofluorescence-western-blot-elisa/24822