

GSTO1 recombinant antibody

GSTO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235551	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

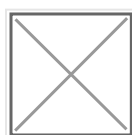
PRODUCT SYNONYMS

GSTO1; Monoclonal Recombinant Antibody; GSTO1 Antibody; Glutathione S-transferase omega-1; Glutathione S-transferase omega 1-1; GSTO 1-1; Glutathione-dependent dehydroascorbate reductase; GSTTLP28; GSTO1 recombinant antibody

PRODUCT SPECIFICATIONS

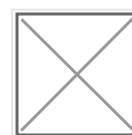
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	208
Applicable Applications for GSTO1 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from human GSTO1
Conjugate	Non-Conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with CSB-RA009986A0HU at 1:41, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of CSB-RA009986A0HU diluted at 1:125 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of CSB-RA009986A0HU diluted at 1:125 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Jurkat whole cell lysate, PC3 whole cell lysate, Raji whole cell lysate, K562 whole cell lysate, Hela whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysateAll lanes: GSTO1 antibody at 1.25ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 28, 24, 25 KDaObserved band size: 28 KDa

ADDITIONAL INFORMATION

Related Product Information for GSTO1 recombinant antibody	Exhibits glutathione-dependent thiol transferase and dehydroascorbate reductase activities. Has S-(phenacyl)glutathione reductase activity. Has also glutathione S-transferase activity. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA) and dimethylarsonic acid.
Product Categories/Family for GSTO1 recombinant antibody	Recombinant Antibody ; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	300360532
NCBI GeneID	9446
NCBI Accession #	NP_001177931.1
NCBI GenBank Nucleotide #	NM_001191002.1
UniProt Accession #	P78417 ; Q5TA03 ; Q7Z3T2 ; D3DRA3 ; F5H7H0
Molecular Weight	23,709 Da
NCBI Official Full Name	glutathione S-transferase omega-1 isoform 2
NCBI Official Synonym Full Names	glutathione S-transferase omega 1
NCBI Official Symbol	GSTO1
NCBI Official Synonym Symbols	P28; SPG-R; GSTO 1-1; GSTTLp28; HEL-S-21
NCBI Protein Information	glutathione S-transferase omega-1
UniProt Protein Name	Glutathione S-transferase omega-1
UniProt Gene Name	GSTO1
UniProt Synonym Gene Names	GSTTLp28; GSTO-1; GSTO 1-1; MMA(V) reductase; SPG-R

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/gsto1-recombinant-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/235551>