

Rabbit anti-Human MGST2 Polyclonal Antibody | anti-MGST2 antibody

MGST2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324827	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

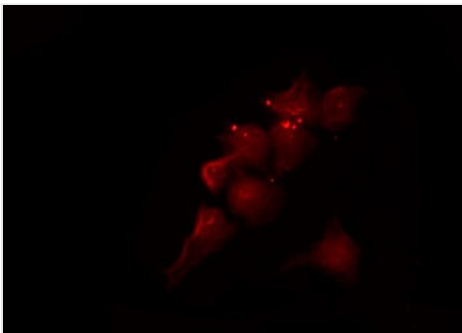
PRODUCT SYNONYMS

MGST2; Polyclonal Antibody; MGST2 Antibody; FLJ27438; glutathione S transferase; microsomal; 2; GST 2; GST2; MGC14097; MGST 2; MGST II; MGST2_HUMAN; MGSTII; Microsomal glutathione S transferase 2; Microsomal glutathione S-transferase 2; Microsomal GST 2; Microsomal GST II; anti-MGST2 antibody

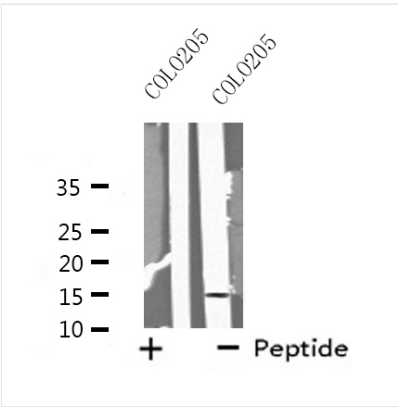
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MGST2 antibody detects endogenous levels of total MGST2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	147
Applicable Applications for anti-MGST2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum
Tissue Specificity	Liver, spleen, skeletal muscle, heart, adrenals, pancreas, prostate, testis, fetal liver, and fetal spleen. Very low expression in lung, brain, placenta and bone marrow.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit
Similarity	Pig (91%), Zebrafish (82%), Bovine (82%), Horse (82%), Sheep (82%), Rabbit (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

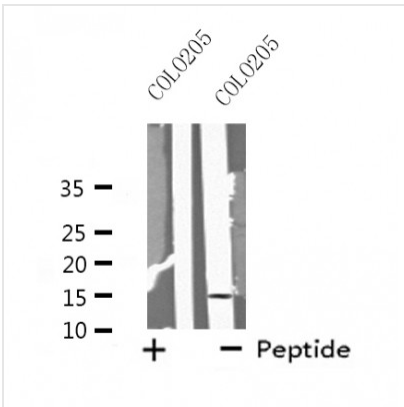
IMAGES



IF (Immunofluorescence)
AAA324827 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using MGST2 antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using MGST2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MGST2 antibody	Function: Can catalyze the production of LTC4 from LTA4 and reduced glutathione. Can catalyze the conjugation of 1-chloro-2, 4-dinitrobenzene with reduced glutathione. Subunit Structure: Homotrimer. Similarity: Belongs to the MAPEG family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	324120893
NCBI GeneID	4258
NCBI Accession #	NP_001191295.1
NCBI GenBank Nucleotide #	NM_001204366.1
UniProt Accession #	Q99735; Q7Z5B8; D6RBB5
Molecular Weight	Observed: 16 kD Predicted: 17 kDa
NCBI Official Full Name	microsomal glutathione S-transferase 2 isoform 1
NCBI Official Synonym Full Names	microsomal glutathione S-transferase 2
NCBI Official Symbol	MGST2

NCBI Official Synonym Symbols	GST2; MGST-II
NCBI Protein Information	microsomal glutathione S-transferase 2
UniProt Protein Name	Microsomal glutathione S-transferase 2
UniProt Gene Name	MGST2
UniProt Synonym Gene Names	GST2; Microsomal GST-2

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/polyclonal/mgst2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324827>