

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

MGST2 Antibody (C-term)

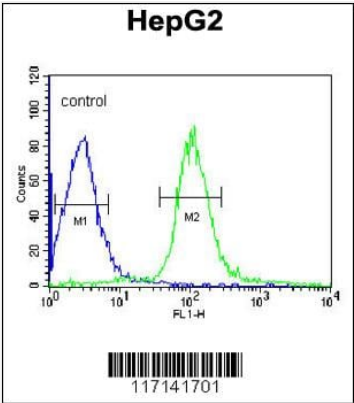
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289946	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

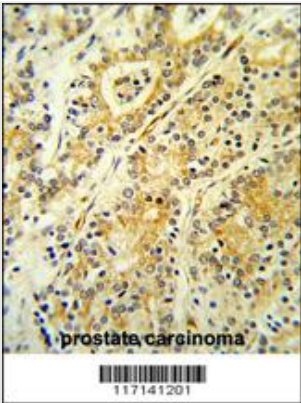
MGST2; Polyclonal Antibody; MGST2 Antibody (C-term); Microsomal glutathione S-transferase 2; Microsomal GST-2; Microsomal GST-II; GST2; anti-MGST2 antibody

PRODUCT SPECIFICATIONS

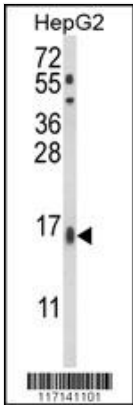
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MGST2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-147 amino acids from the C-terminal region of human MGST2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	117-147
Sequence Length	77
Applicable Applications for anti-MGST2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MGST2 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with MGST2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MGST2 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). MGST2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MGST2 antibody	The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. MGST2 is a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4.
Product Categories/Family for anti-MGST2 antibody	Immunology ; Metabolism ; Signal transduction
References	Jakobsson,P.J., et.al., Am. J. Respir. Crit. Care Med. 161 (2 PT 2), S20-S24 (2000) Sjostrom,M., et.al., Eur. J. Biochem. 268 (9), 2578-2586 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	324120893
NCBI GeneID	4258
NCBI Accession #	NP_001191295.1 ; NP_001191297.1 ; NP_002404.1
NCBI GenBank Nucleotide #	NM_001204366.1
UniProt Accession #	Q99735 ; Q7Z5B8 ; D6RBB5

Molecular Weight	16621
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
UniProt Entry Name	MGST2_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/polyclonal/mgst2-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/289946>