GSTM2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GSTM2, Polyclonal Antibody
Full Product Name	GSTM2
Product Gene Name	anti-GSTM2 antibody
Product Synonym Names	GST4; GSTM; GSTM2-2; GTHMUS
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	26KD
Immunogen	Recombinant fragment corresponding to 58-213aa of human GSTM2.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GSTM2 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-GSTM2 antibody	ELISA: 1:20000-80000 WB: 1:500-1,000 IHC: 1:100-500
Related Product Information for anti-GSTM2 antibody	MBS8562447 is an antibody targeting GSTM2. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens glutathione S-transferase mu 2 (muscle), mRNA.
Product References and Citations for anti-GSTM2 antibody	Dawson SJ, White LA. Treatment of Haemophilus aphrophilus endocarditis with ciprofloxacin. J Infect. 24(3):317-20 (1992)
Other Notes	Small volumes of anti-GSTM2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GSTM2. It may not necessarily be applicable to this product.

NCBI GI #	114205476
NCBI GeneID	2946
NCBI Accession #	BC110380
UniProt Related Accession #	P28161
NCBI Official Full Name	Homo sapiens glutathione S-transferase mu 2 (muscle), mRNA
NCBI Official Synonym Full Names	glutathione S-transferase mu 2

NCBI Official Symbol	GSTM2
NCBI Official Synonym Symbols	GST4; GSTM; GTHMUS; GSTM2-2
Protein Family	Glutathione S-transferase
NCBI Protein Information	glutathione S-transferase Mu 2
NCBI Summary for GSTM2	Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase that belongs to the mu class. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. The genes encoding the mu class of enzymes are organized in a gene cluster on chromosome 1p13.3 and are known to be highly polymorphic. These genetic variations can change an individual's susceptibility to carcinogens and toxins as well as affect the toxicity and efficacy of certain drugs. [provided by RefSeq, Jul 2008]
Research Articles on GSTM2	**1.** the methylation status of CpG sites in GFRA1 and GSTM2 may have a role and could be used as potential biomarkers for the screening of rectal cancer
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