

Rabbit anti-Human GSTM2 Monoclonal Antibody | anti-GSTM2 antibody

Recombinant Anti-GSTM2 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255504	Rabbit	Human	Immunohistochemistry

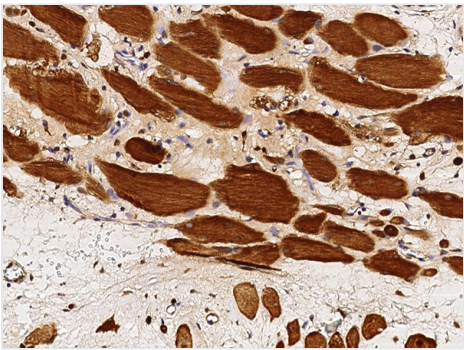
PRODUCT SYNONYMS

GSTM2; Monoclonal Antibody; Recombinant Anti-GSTM2 Antibody; Rabbit Monoclonal; GSTM2 Antibody; Rabbit MAb; glutathione S-transferase mu 2 (muscle); Anti-GST4 Antibody; Anti-GSTM Antibody; Anti-GSTM2-2 Antibody; Anti-GTHMUS Antibody; anti-GSTM2 antibody

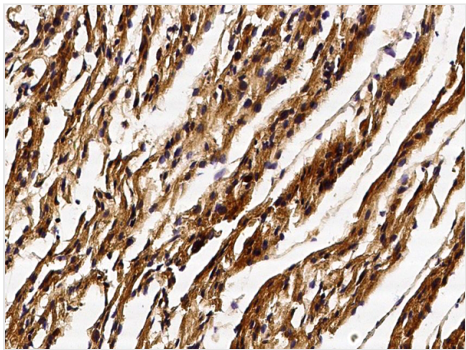
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	005
Specificity	Human GSTM2
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GSTM2 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human GSTM2 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human GSTM2 (rh GSTM2).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

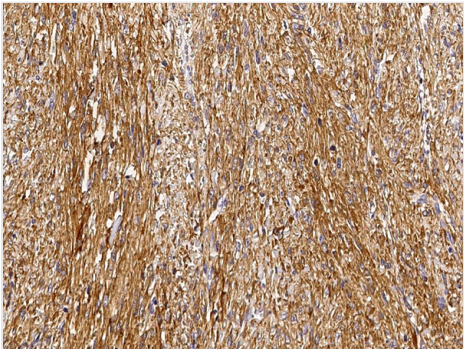
IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human GSTM2 in human epididymis with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to skeletal muscle.



IHC (Immunohistochemistry)
Immunochemical staining of human GSTM2 in human heart with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human GSTM2 in human leiomyoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM2 antibody	Glutathione S-transferase Mu 2, also known as GST class-mu 2, GSTM2-2, and GSTM2, is a cytoplasm protein that belongs to the GST superfamily and Mu family. GSTM2/GST4 contains one GST C-terminal domain and one GST N-terminal domain. The glutathione S-transferases (GSTs) are a multigene family of enzymes largely involved in the detoxification of chemicals. Eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta, and zeta. Butyrate, an important luminal component produced from the fermentation of dietary fibers, is an efficient inducer of GSTs and especially of GSTM2. Butyrate may act chemoprotective by increasing detoxification capabilities in the colon mucosa.
References	Campbell E, et al., 1990, J Biol Chem 265 (16): 9188-93. Vorachek WR, et al., 1991, Proc Natl Acad Sci USA. 88 (10): 4443-7. Ebert, M.N. et al., 2003, Carcinogenesis. 24 (10):1637-44.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215277000
NCBI GeneID	2946
NCBI Accession #	NP_001135840.1
NCBI GenBank Nucleotide #	NM_001142368.1
UniProt Accession #	P28161; Q2M318; Q5TZY5; Q8WWE1; B4DRY4; E9PEM9
Molecular Weight	25,745 Da
NCBI Official Full Name	glutathione S-transferase Mu 2 isoform 2
NCBI Official Synonym Full Names	glutathione S-transferase mu 2 (muscle)

NCBI Official Symbol	GSTM2
NCBI Official Synonym Symbols	GST4; GSTM; GTHMUS; GSTM2-2
NCBI Protein Information	glutathione S-transferase Mu 2; GST, muscle; GST class-mu 2; glutathione S-transferase 4; glutathione S-transferase M1; glutathione S-aryltransferase M2; glutathione S-alkyltransferase M2; glutathione S-aralkyltransferase M2; S-(hydroxyalkyl)glutathione I
UniProt Protein Name	Glutathione S-transferase Mu 2
UniProt Gene Name	GSTM2
UniProt Synonym Gene Names	GST4
UniProt Entry Name	GSTM2_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://www.aaabiotech.com/monoclonal/gstm2-antibody-clone-005-immunohistochemistry-elisa/255504>