Mouse GSTT2 Monoclonal Antibody | anti-GSTT2 antibody

GSTT2 antibody

CATALOG #	HOST	APPLICATIONS
AAA107989	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence**

PRODUCT SYNONYMS

GSTT2; Monoclonal Antibody; GSTT2 antibody; Monoclonal GSTT2; Anti-GSTT2; GSTT2B; MGC182032; GSTT 2; GSTT-2; anti-GSTT2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3B6
Purity/Purification	GSTT2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	244
Applicable Applications for anti-GSTT2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	Glutathione S-transferase (GSTs) theta 2 (GSTT2) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: Alpha, Mu, Pi, Theta, and Zeta. The theta class members GSTT1 and GSTT2 share 55% amino acid sequence identity and both are thought to have an important role in human carcinogenesis.
Cross-Reactivity	Human
Immunogen	GSTT2 antibody was raised in Mouse using full length human recombinant protein of human GSTT2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant GSTT2 protein using GSTT2 antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of GSTT2 protein in paraffin embedded Human colon tissue using GSTT2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GSTT2 protein (Right) or empty vector (Left) detected with GSTT2 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of Jurkat cells using GSTT2 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-GSTT2 antibody	Mouse monoclonal GSTT2 antibody
Product Categories/Family for anti-GSTT2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	702760663
NCBI GeneID	2953
NCBI Accession #	NP_000845.2
NCBI GenBank Nucleotide #	NM_000854.4
Molecular Weight	27,506 Da
NCBI Official Full Name	glutathione S-transferase theta-2 isoform a
NCBI Official Synonym Full Names	glutathione S-transferase theta 2 (gene/pseudogene)
NCBI Official Symbol	GSTT2
NCBI Protein Information	glutathione S-transferase theta-2
UniProt Protein Name	Glutathione S-transferase theta-2
UniProt Gene Name	**GSTT2**
UniProt Entry Name	GST2_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/monoclonal/gstt2-antibody-clone-3b6-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/107989