

Mouse anti-Human GSTT2 Monoclonal Antibody | anti-GSTT2 antibody

GSTT2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48204	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

GSTT2; Monoclonal Antibody; GSTT2 antibody; Glutathione S-transferase theta 2; GSTT2B; anti-GSTT2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT10H4
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	244
Applicable Applications for anti-GSTT2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human GSTT2 (1-244aa) purified from E. coli
Clone Note	Anti-human GSTT2 mAb, clone AT10H4, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human GSTT2 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of GSTT2 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human GSTT2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human GSTT2 antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HepG2 cell lysate Lane 2.: NIH/3T3 cell lysate Lane 3.: A549 cell lysate Lane 4.: Raw264.7 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GSTT2 antibody	Glutathione S-transferase theta-2 (GSTT2) is an enzyme 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.
Product Categories/Family for anti-GSTT2 antibody	Signal Transduction; Metabolism
References	Hussey AJ., et al. (1992) Biochem J. 286 (3): 929-935.; Whittington AT., et al. (1996) Genomics. 33 (1): 105-111.; Webb G., et al. (1996) Genomics. 33 (1): 121-123.

NCBI AND UNIPROT INFORMATION

NCBI GI #	702760663
NCBI GeneID	2953
NCBI Accession #	NP_000845
NCBI GenBank Nucleotide #	NM_000854.4
UniProt Accession #	P0CG29; O60665; P30712; Q6IPV7; Q9HD76
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

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-at10h4-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48204>