

Mouse anti-Human GSTM3 Monoclonal Antibody | anti-GSTM3 antibody

Mouse anti-Homo sapiens (Human) GSTM3 Monoclonal Antibody antibody

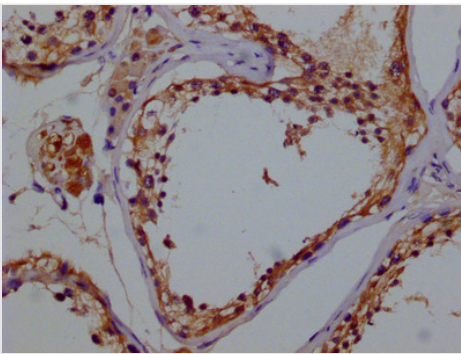
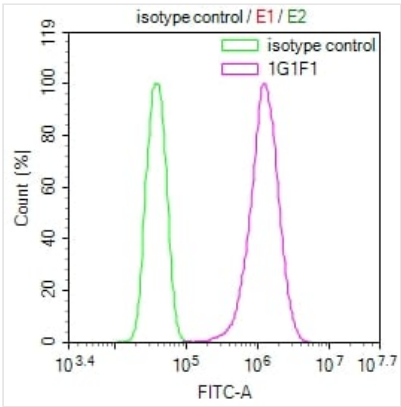
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279035	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GSTM3; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) GSTM3 Monoclonal Antibody antibody; GSTM3 Monoclonal Antibody; brain GST; brain type mu glutathione S transferase; glutathione S alkyltransferase M3; glutathione S aryltransferase M3; glutathione S transferase M3 (brain); glutathione S transferase M3; Glutathione S transferase Mu 3; glutathione S transferase; Mu 3; Glutathione S-transferase Mu 3; GST class mu 3; GST class-mu 3; GST5; GSTB; Gstm3; GSTM3-3; GSTM3_HUMAN; GTM3; hGSTM3-3; MGC3310; MGC3704; S (hydroxyalkyl)glutathione lyase M3; anti-GSTM3 antibody

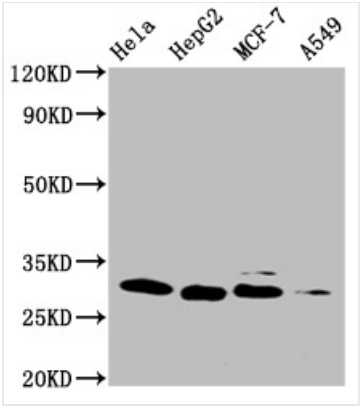
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G1F1
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for anti-GSTM3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Glutathione S-transferase Mu 3 protein (1-225AA)
Conjugation	Non-conjugated
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



IHC (Immunohistochemistry)
IHC image of AAA279035 diluted at 1:100 and staining in paraffin-embedded human testes tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

FCM/FACS (Flow Cytometry)
Overlay Peak curve showing Hela cells stained with AAA279035 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



WB (Western Blot)
Western BlotPositive WB detected in: HeLa whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, A549 whole cell lysateAll lanes: GSTM3 antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 27 KDaObserved band size: 27 KDaExposure time?10min

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264423
NCBI GeneID	2947
UniProt Accession #	P21266; O60550; Q96HA3
Molecular Weight	225
NCBI Official Full Name	Glutathione S-transferase Mu 3
NCBI Official Synonym Full Names	glutathione S-transferase mu 3 (brain)
NCBI Official Symbol	GSTM3
NCBI Official Synonym Symbols	GST5; GSTB; GTM3; GSTM3-3
NCBI Protein Information	glutathione S-transferase Mu 3; hGSTM3-3; brain GST; GST class-mu 3; glutathione S-transferase, Mu-3; glutathione S-aryltransferase M3; glutathione S-alkyltransferase M3; glutathione S-aralkyltransferase M3; S-(hydroxyalkyl)glutathione lyase M3; glutathio
UniProt Protein Name	Glutathione S-transferase Mu 3

UniProt Gene Name	GSTM3
UniProt Synonym Gene Names	GST5; hGSTM3-3
UniProt Entry Name	GSTM3_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/gstm3-antibody-clone-1g1f1-flow-cytometry-immunohistochemistry-western-blot-elisa/279035>