

Mouse anti-Human Glutathione S Transferase Alpha 1 (GSTa1) Monoclonal Antibody | anti-GSTa1 antibody

Monoclonal Antibody to Glutathione S Transferase Alpha 1 (GSTa1)

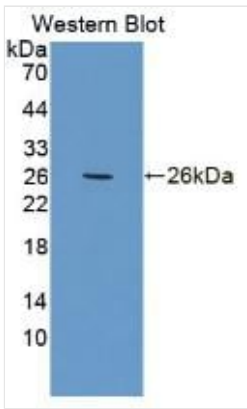
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130617	Mouse	Human	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

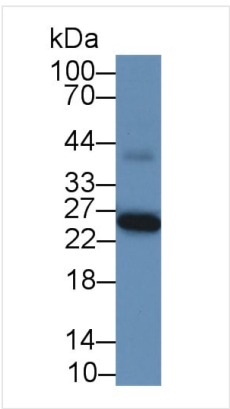
Glutathione S Transferase Alpha 1 (GSTa1); Monoclonal Antibody; Monoclonal Antibody to Glutathione S Transferase Alpha 1 (GSTa1); anti-GSTa1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	4#
Specificity	The antibody is a mouse monoclonal antibody raised against GSTa1. It has been selected for its ability to recognize GSTa1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.5 mg/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-VTCPEQDK YRTITGMCNN RRSPTLGASN RAFVRWLP AE YEDGFSLPYG WTPGVKRNGF PVALARAVSN EIVRFPTDQL TPDQERSL
Sequence Length	222
Applicable Applications for anti-GSTa1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GSTa1 (ala2~Phe222 (Accession # P08263)) expressed in E.coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



WB (Western Blot)
Western Blot: Sample: Recombinant GSTa1, Human.



WB (Western Blot)
Western Blot: Sample: Human Liver lysate; Primary Ab: 600 Mouse Anti-Human GSTa1 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody;

NCBI AND UNIPROT INFORMATION

NCBI GI #	22091454
NCBI GeneID	2938
NCBI Accession #	NP_665683.1
NCBI GenBank Nucleotide #	NM_145740.4
UniProt Accession #	P08263; Q14750; Q5GHF8; Q5SZC1
NCBI Official Full Name	glutathione S-transferase A1 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 1
NCBI Official Symbol	GSTA1
NCBI Official Synonym Symbols	GST2; GTH1; GSTA1-1; GST-epsilon
NCBI Protein Information	glutathione S-transferase A1
UniProt Protein Name	Glutathione S-transferase A1
UniProt Gene Name	GSTA1

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/glutathione-s-transferase-alpha-1-gsta1-antibody-clone-4-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-elisa/130617>