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GSTM1 / MU Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13624

Specification

GSTM1 / MU Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P09488
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**26kDa KDa**

GSTM1 / MU Antibody - Additional Information

Gene ID 2944

Other Names
Glutathione S-transferase Mu 1, 2.5.1.18, GST HB subunit 4, GST class-mu 1, GSTM1-1, GSTM1a-1a, GSTM1b-1b, GTH4, GSTM1, GST1

Target/Specificity
Human GSTM1. Predicted cross-reactivity based on amino acid sequence homology: mouse (82%), rat (84%), bovine (83%), pig (83%).

Reconstitution & Storage
Aliquot and store at -20°C. Minimize freezing and thawing.

Precautions
GSTM1 / MU Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GSTM1 / MU Antibody - Protein Information

Name GSTM1 (HGNC:4632)

Synonyms GST1

Function
Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Involved in the formation of glutathione conjugates of both prostaglandin A2 (PGA2) and prostaglandin J2 (PGJ2) (PubMed:9084911). Participates in the formation of novel hepoxilin regioisomers (PubMed:21046276).

Cellular Location
Cytoplasm.

Tissue Location
Liver (at protein level).

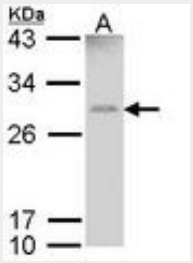
Volume
50 µl

GSTM1 / MU Antibody - Protocols

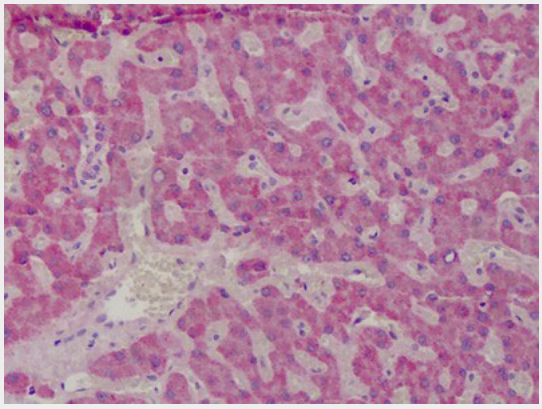
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GSTM1 / MU Antibody - Images



Sample (30 ug of whole cell lysate). A: Hela. 12% SDS PAGE. GSTM1 antibody diluted at 1:1000.



Anti-GSTM1 antibody IHC of human liver.

GSTM1 / MU Antibody - Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

GSTM1 / MU Antibody - References

Dejong J.L.,et al.Nucleic Acids Res. 16:8541-8554(1988).

Seidegaard J.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:7293-7297(1988).
Chen P.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.
Chen P.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.