

**GSTM1 Antibody**  
Rabbit mAb  
Catalog # AP92215

## Specification

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### GSTM1 Antibody - Product Information

|   |                        |
|---|------------------------|
| Application   | WB                     |
| Primary Accession   | <a href="#">P09488</a> |
| Reactivity  | Rat                    |
| Clonality   | Monoclonal             |
| <b>Other Names</b>  |                        |
| MU; H-B; GST1; GTH4; GTM1; MU-1; GSTM1-1; MGC26563; GSTM1a-1a; GSTM1b-1b; |                        |
| Isotype   | Rabbit IgG             |
| Host  | Rabbit                 |
| Calculated MW   | 25712 Da               |

### GSTM1 Antibody - Additional Information

|                              |   |
|------------------------------|---|
| Purification                 | Affinity-chromatography   |
| Immunogen                    | A synthesized peptide derived from human Glutathione S Transferase mu   |
| Description                  | Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.  |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

### GSTM1 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](http://www.uniprot.org/citations/9084911)). Participates in the formation of novel hepoxilin regioisomers (PubMed: [21046276](http://www.uniprot.org/citations/21046276)).

#### Cellular Location

Cytoplasm.

#### Tissue Location

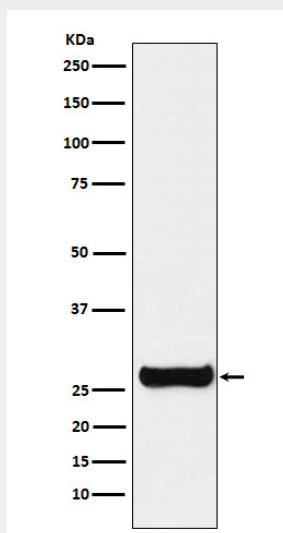
Liver (at protein level).

## GSTM1 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 Cytometry](#)
- [Cell Culture](#)

## GSTM1 Antibody - Images



Western blot analysis of GSTM1 expression in SH-SY5Y cell lysate.