

# GGTLC1 mouse monoclonal antibody (hybridoma)

Catalog # H00092086-M

Size Up to 5 Clones

## Specification

|                                |                                                                                                                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse monoclonal antibody raised against a full-length recombinant GGTLC1.                                                                                                                                                                     |
| <b>Immunogen</b>               | GGTLC1 (NP_563577.1, 1 a.a. ~ 225 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                        |
| <b>Sequence</b>                | MTSEFFSAQLRAQISDDTTHPISYYKPEFYMPDDGGTAHLSVVAEDGSAVSATSTINLYFGSKVRS<br>PVSGILLNNEMDDFSSTSITNEFGVPPSPANFIQPGKQPLSSMCPTIMVGQDGGQVRMVVGAAGGT<br>QITMATALAIYNLWFGYDVKWAVEEPRLHNQLLPNVTTVERNIDQEVTAALETRHHHTQITSTFIADV<br>QAIVRMAGGWAAAASDSRKGGEPAKY |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                          |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                          |
| <b>Quality Control Testing</b> | Antibody reactivity and specificity confirmed by ELISA and Western Blot.                                                                                                                                                                       |
| <b>Deliverables</b>            | Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.                                                                                                                                                        |
| <b>Note</b>                    | Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.                                                     |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — GGTLC1

**Entrez GeneID** [92086](#)**GeneBank Accession#** [NM\\_080920.2](#)**Protein Accession#** [NP\\_563577.1](#)**Gene Name** GGTLC1**Gene Alias** GGTLC6, GGTLA3, GGTLA4, MGC50550, dJ831C21.1, dJ831C21.2**Gene Description** gamma-glutamyltransferase light chain 1**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of the gamma-glutamyl transpeptidase (GGT) family, which are important in the metabolism of glutathione. The most ubiquitously expressed human GGT gene, GGT 1, encodes a single transmembrane polypeptide that is post-translationally processed to form a heavy and a light chain. In contrast, the product of this gene only contains homology to the light chain region, and lacks a transmembrane domain. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

**Other Designations** OTTHUMP00000030453|OTTHUMP00000030455|OTTHUMP00000030458|gamma-glutamyl transpeptidase|gamma-glutamyltransferase-like activity 3|gamma-glutamyltransferase-like activity 4|gamma-glutamyltransferase-like protein 6|gamma-glutamyltranspeptidase-like