

GPT monoclonal antibody (M04A), clone M1

Catalog # H00002875-M04A

Size 200 uL

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant GPT.
Immunogen	GPT (AAH18207.1, 1 a.a. ~ 496 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASSTGDRSQAVRHGLRAKVLTLGDMNPRVRRVEYAVRGPIVQRALELEQELRQGVKKPFTEVI RANIGDAQAMGQRPITFLRQVLALCVNPDLLSSPNFPDDAKKRAERILQACGGHSLGAYSVSSGI QLIREDVARYIERRDGGIPADPNNVFLSTGASDAITVLKLLVAGEGHTRTGVLIPQYPLYSATLAE LGAVQVDYYLDEERAWALDVAELHRALGQARDHCRPRALCVINPGNPTGQVQTRECIEAVIRFAF EERLFLLADEVYQDNVYAAGSQFHSFKKVLMEMGPPYAGQQELASFHSTSKGYMGECGFRGGY VEVVNMDAAVQQQMLKLMSVRLCPPVPGQALLDLVVSPAPTDP SFAQFQAEKQAVLAELA AKLTEQVFNEAPGISCNPVQGAMYSFPRVQLPPRAVERAQELGLAPDMFFCLRLLEETGICVVP SGFGQREGTYHFRMTILPPLEKLRLLLEELSRFHAKFTLEYS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — GPT

Entrez GeneID

[2875](#)

GeneBank Accession#	BC018207
Protein Accession#	AAH18207.1
Gene Name	GPT
Gene Alias	AAT1, ALT1, GPT1
Gene Description	glutamic-pyruvate transaminase (alanine aminotransferase)
Omim ID	138200
Gene Ontology	Hyperlink
Gene Summary	Glutamate-pyruvate transaminase (EC 2.6.1.2), also known as alanine aminotransferase, catalyze s the reversible conversion of L-alanine and alpha-ketoglutarate to L-glutamate and pyruvate. It ha s 2 distinct molecular and genetic forms: one cytoplasmic (soluble) (GPT1) and one mitochondrial (GPT2; MIM 138210). See ALTQTL1 (MIM 612363) and ALTQTL2 (MIM 612364) for information on quantitative trait loci influencing the plasma level of alanine aminotransferase.[supplied by OMI M
Other Designations	alanine aminotransferase

Pathway

- [Alanine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)