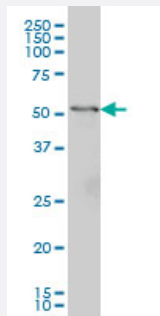


GPT monoclonal antibody (M02A), clone 1F10

Catalog # H00002875-M02A

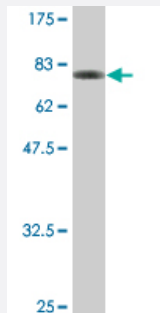
Size 200 uL

Applications



Western Blot (Cell lysate)

GPT monoclonal antibody (M02A), clone 1F10 Western Blot analysis of GPT expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (80.3 KDa) .

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	MASSTGDRSQAVRHGLRAKVLTLTGMPNPRVRRVEYAVRGPIVQRALELEQELRQGVKKPFTEVI RANIGDAQAMGQRPITFLRQVLALCVNPDLLSSPNFPDDAKKRAERILQACGGHSLGAYSVSSGI QLIREDVARYIERRDGGIPADPNVFLSTGASDAMTVLKLLVAGEGHTRTGVLIPIQYPLYSATLAE LGAVQVDYLDDEERAWALDVAELHREALGQARDHCRPRALCVINPGNPTGQVQTRRECIEAVIRFAF EERLFLLADEVYQDNVYAAGSQFHSFKKVLMMGPPYAGQQELASFHSTSKGYMGECGFRGGY VEVVNMDAAVQQQMLKLMSVRLCPPVPGQALLDLVVSPAPTDPSPAQFQAEKQAVLAELA AKLTEQVFNEAPGISCNPNVQGAMYSFPRVQLPPRAVERAQELGLAPDMFFCLRLLEETGICVVP SGFGQREGTYHFRMTILPPLEKLRLLLEELSRFHAKFTLEYS

Host	Mouse
Reactivity	Human
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (80.3 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GPT monoclonal antibody (M02A), clone 1F10 Western Blot analysis of GPT expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- 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, catalyzes the reversible conversion of L-alanine and alpha-ketoglutarate to L-glutamate and pyruvate. It has 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 OMIM]

Other Designations

alanine aminotransferase

Pathway

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