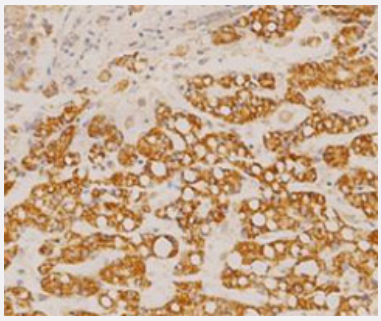
GOT2 monoclonal antibody, clone 14

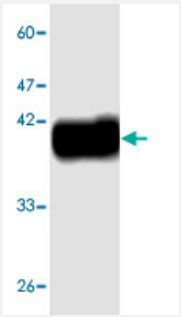
Catalog # MAB9901 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of human liver cancer tissue section with GOT2 monoclonal antibody, clone 14 (Cat # MAB9901) at 1:100 dilution.



Western Blot (Cell lysate)

Western blot analysis of HepG2 whole cell lystae with GOT2 monoclonal antibody, clone 14 (Cat # MAB9901) at 1:1000 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant GOT2.
Immunogen	Recombinant protein corresponding to amino acids 225-430 of human GOT2.
Host	Mouse
Reactivity	Human
Specificity	It can expression in HepG2 whole cell lysate.
Form	Liquid
Purification	Affinity purification

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Isotype	IgG1
Recommend Usage	Western blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry

  Immunohistochemical staining of human liver cancer tissue section with GOT2 monoclonal antibody, clone 14 (Cat # MAB9901) at 1:100 dilution.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of HepG2 whole cell lystae with GOT2 monoclonal antibody, clone 14 (Cat # MAB9901) at 1:1000 dilution.

Gene Info — GOT2

Entrez GeneID	2806
GeneBank Accession#	NM_002080.2
Protein Accession#	NP_002071.2
Gene Name	GOT2
Gene Alias	FLJ40994, KAT4, KATIV, mitAAT
Gene Description	glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)
Omim ID	138150
Gene Ontology	Hyperlink
Gene Summary	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. [provided by RefSeq
Other Designations	aspartate aminotransferase 2|kynurenine aminotransferase IV

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Pathway

- Alanine
- Arginine and proline metabolism
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Carbon fixation in photosynthetic organisms
- Cysteine and methionine metabolism
- Isoquinoline alkaloid biosynthesis
- Metabolic pathways
- Novobiocin biosynthesis
- Phenylalanine
- Phenylalanine metabolism
- Tyrosine metabolism

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