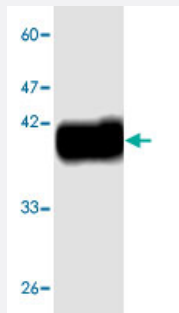


GOT2 monoclonal antibody, clone 14

Catalog # MAB9901

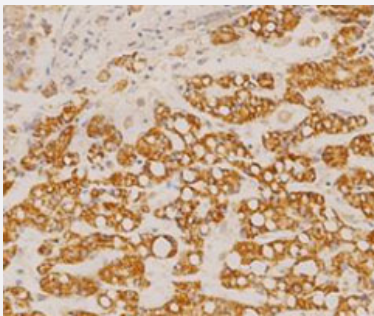
Size 100 ug

Applications



Western Blot (Cell lysate)

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



Immunohistochemistry

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

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

- Western Blot (Cell lysate)

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

- 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

Gene Info — GOT2

Entrez GeneID	2806
GeneBank Accession#	NM_002080.2
Protein Accession#	NP_002071.2
Gene Name	GOT2
Gene Alias	FLJ40994, KAT4, KATV, 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

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](#)