Anti-GOT2 Antibody

CATALOG NO: A1273-100

ALTERNATIVE NAMES: Aspartate aminotransferase, mitochondrial, mAspAT, Fatty acid-binding protein, FABP-1, Glutamate oxaloacetate transaminase 2, Kynurenine aminotransferase 4, Kynurenine aminotransferase IV, Kynurenine--oxoglutarate transaminase 4, Kynurenine--oxoglutarate transaminase IV, Plasma membrane-associated fatty acid-binding protein, FABPpm, Transaminase A, GOT2

AMOUNT: 100 µl

IMMUNOGEN: KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human GOT2

MOLECULAR WEIGHT: 47.5 kDa

HOST/ISOTYPE: Rabbit IgG

SPECIES REACTIVITY: Human

PURIFICATION: Protein A column, followed by peptide affinity purification

FORM: Liquid

FORMULATION: Supplied in PBS with 0.09% (W/V) sodium azide

STORAGE CONDITIONS: Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

DESCRIPTION: 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.

APPLICATION: FC: 1:1000
WB: 1:10 – 1:50

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

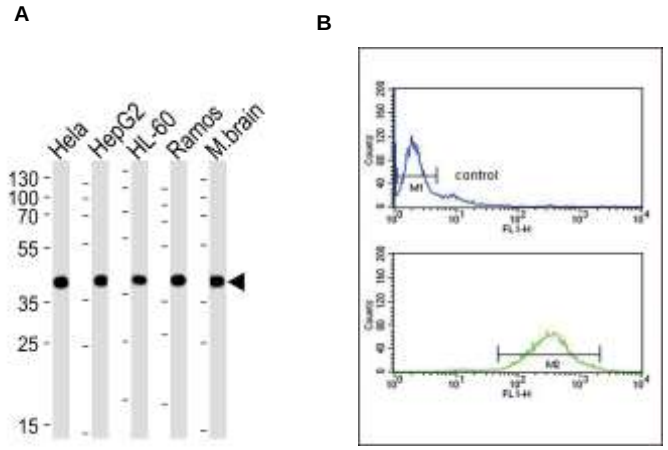

Fig. A. Western blot analysis of lysates from Hela, HepG2, HL-60, Ramos, mouse brain cell line (from left to right), using GOT2 Antibody

Fig. B. GOT2 Antibody flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

RELATED PRODUCTS

- GOT1, human recombinant **(Cat. No. 7808-100)**
- GOT2, human recombinant **(Cat. No. 7809-100)**
- Aspartate Aminotransferase (AST or SGOT) Assay Kit **(Cat. No. K753-100)**

FOR RESEARCH USE ONLY! Not to be used on humans.

Gentaur Europe BVBA Voortstraat 49, 1910 Kampenhout BELGIUM
Tel 0032 16 58 90 45 info@gentaur.com