

GOT2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4503
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human GOT2 expressed in E. Coli.
Mol wt	47kDa
Species reactivity	Human,Mouse,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB,ICC
Concentration	N/A
Full name	N/A
Synonyms	KAT4;KATIV;mitAAT

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

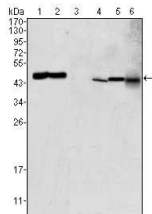
WB: 1:500 - 1:2000

ICC: 1:200 - 1:1000

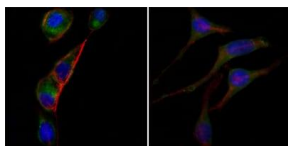
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using GOT2 mouse mAb against HEK293 (1), PC-12 (2), HL-60 (3), BCBL-1 (4), HepG2 (5) and NIH/3T3 (6) cell lysate.



Immunofluorescence analysis of PC-3 (left) and SK-BR-3 (right) cells using anti-GOT2 mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.