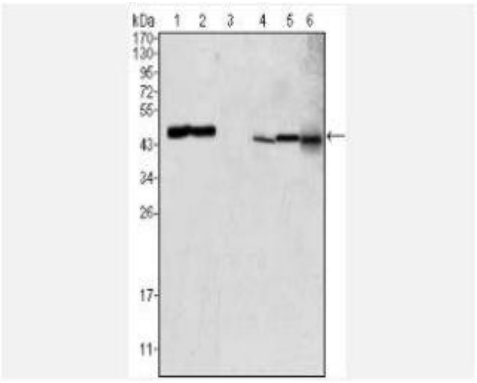
PRODUCT DATA SHEET

AATM Monoclonal Antibody

Catalog No.	IMB0183
Reactivity	Human;Mouse;Rat;Monkey
Applications	WB; IF/ICC; ELISA
Gene Name	GOT2
Protein Name	Aspartate aminotransferase, mitochondrial
Human Gene Id	2806
Swiss-Prot	P00505
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 IF: 1:200-1:1000 ELISA: 1:10000
PurIF:ication	Affinity purIF:ication
Concentration	-
Storage&Stability	-20°C/1 year
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. Two transcript variants encoding dIF:ferent isoforms have been found for this gene. [provided by RefSeq, Oct 2013],
Subcellular Location.	Mitochondrion matrix. Cell membrane. Exposure to alcohol promotes translocation to the cell membrane.
BiowMW	-

Products Images:



Western Blot analysis using AATM Monoclonal Antibody against HEK293 (1), PC-12 (2), HL-60 (3), BCBL-1 (4), HepG2 (5) and NIH/3T3 (6) cell lysate.

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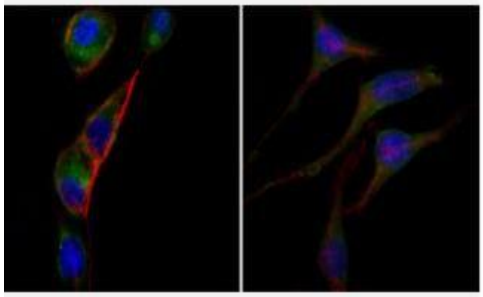

Immunofluorescence analysis of PC-3 (left) and SK-BR-3 (right) cells using AATM Monoclonal Antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.