

ETFA Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4023
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ETFA (AA: 134-333) expressed in E. Coli.
Mol wt	35kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	EMA;GA2;MADD

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

Background

ETFA participates in catalyzing the initial step of the mitochondrial fatty acid beta-oxidation. It shuttles electrons between primary flavoprotein dehydrogenases and the membrane-bound electron transfer flavoprotein ubiquinone oxidoreductase. Defects in electron-transfer-flavoprotein have been implicated in type II glutaricaciduria in which multiple acyl-CoA dehydrogenase deficiencies result in large excretion of glutaric, lactic, ethylmalonic, butyric, isobutyric, 2-methyl-butyric, and isovaleric acids. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

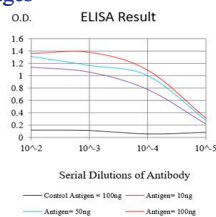
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

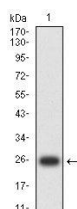
ELISA: 1:10000

Not yet tested in other applications.

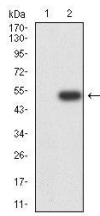
Images



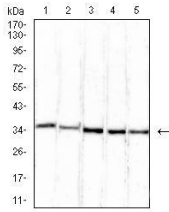
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



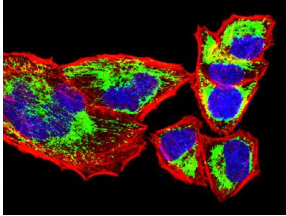
Western blot analysis using ETFA mAb against human ETFA (AA: 134-333) recombinant protein. (Expected MW is 24 kDa)



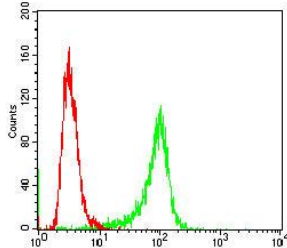
Western blot analysis using ETFA mAb against HEK293 (1) and ETFA (AA:134-333)-hIgGFc transfected HEK293-6e (2) cell lysate.



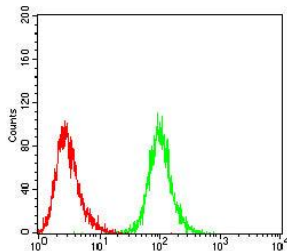
Western blot analysis using ETFA mouse mAb against HepG2 (1), A431 (2), Hek293 (3), Hela (4) and MCF-7 (5) cell lysate.



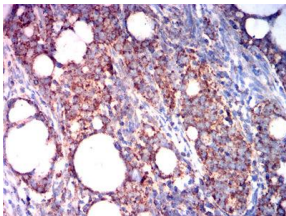
Immunofluorescence analysis of HeLa cells using ETFA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



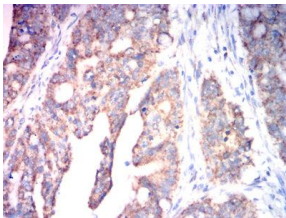
Flow cytometric analysis of HeLa cells using ETFA mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using ETFA mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded cervical carcinoma tissues using ETFA mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using ETFA mouse mAb with DAB staining.

Storage

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

501 Changsheng S Rd, Nanhui Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com