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KD-Validated Anti-ETFA Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI1952

Product Information

Application	WB
Primary Accession	P13804
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB6605
Calculated MW	35080
Gene Name	ETFA
Aliases	ETFA; Electron Transfer Flavoprotein Subunit Alpha; MADD; GA2; EMA; Electron Transfer Flavoprotein Subunit Alpha, Mitochondrial; Multiple Acyl-CoA Dehydrogenase Deficiency; Glutaric Aciduria II; Alpha-ETF; Electron-Transfer-Flavoprotein, Alpha Polypeptide; Electron Transfer Flavoprotein, Alpha Polypeptide; Electron Transfer Flavoprotein Alpha Subunit; Epididymis Secretory Sperm Binding Protein
Immunogen	Recombinant protein of human ETFA

Additional Information

Gene ID	2108
Other Names	Electron transfer flavoprotein subunit alpha, mitochondrial, Alpha-ETF, ETFA

Protein Information

Name	ETFA
Function	Heterodimeric electron transfer flavoprotein that accepts electrons from several mitochondrial dehydrogenases, including acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase (PubMed:10356313, PubMed:15159392, PubMed:15975918, PubMed:27499296, PubMed:9334218). It transfers the electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase) (PubMed:9334218). Required for normal mitochondrial fatty acid oxidation and normal amino acid metabolism (PubMed:12815589, PubMed:1430199, PubMed:1882842).
Cellular Location	Mitochondrion matrix

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.