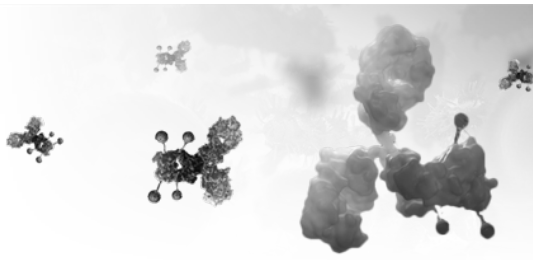

Anti-ACADM monoclonal antibody, clone 4C8CI8 (DCABH-283)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to ACADM
Antigen Description	This enzyme is specific for acyl chain lengths of 4 to 16.
Immunogen	Recombinant human MCAD
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Cow, Human
Clone	4C8CI8
Purification	Produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
Conjugate	Unconjugated
Applications	WB, IP, Flow Cyt, In-Cell ELISA, IHC-P, ICC/IF
Positive Control	HeLa cells, HL-60 cells, Human cerebellum, HepG2 cells, HeLa cells, H9C2 (rat cells), and MEF (mouse cells) lysates.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium azide; Constituent: 99.98% HBS
Preservative	0.02% Sodium Azide

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Storage	Store at +4°C. Do not freeze.

GENE INFORMATION

Gene Name	ACADM acyl-CoA dehydrogenase, C-4 to C-12 straight chain [Homo sapiens]
Official Symbol	ACADM
Synonyms	ACADM; acyl-CoA dehydrogenase, C-4 to C-12 straight chain; acyl Coenzyme A dehydrogenase, C 4 to C 12 straight chain; medium-chain specific acyl-CoA dehydrogenase, mitochondrial; ACAD1; MCAD; MCADH; acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chai
Entrez Gene ID	34
Protein Refseq	NP_000007
UniProt ID	P11310
Chromosome Location	1p31
Pathway	Beta oxidation of decanoyl-CoA to octanoyl-CoA-CoA, organism-specific biosystem; Beta oxidation of octanoyl-CoA to hexanoyl-CoA, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Fatty Acid Beta Oxidation, organism-specific biosystem; Fatty acid metabolism, organism-specific biosystem; Fatty acid metabolism, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem;
Function	acryloyl-CoA reductase activity; acyl-CoA dehydrogenase activity; acyl-CoA dehydrogenase activity; acyl-CoA dehydrogenase activity; acyl-CoA dehydrogenase activity; flavin adenine dinucleotide binding; identical protein binding; medium-chain-acyl-CoA dehy

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