

ARG57087 anti-ACADS antibody [8B10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [8B10] recognizes ACADS
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	8B10
Isotype	IgG2a, kappa
Target Name	ACADS
Species	Human
Immunogen	Recombinant fragment around aa. 25-412 of Human ACADS.
Conjugation	Un-conjugated
Alternate Names	EC 1.3.8.1; Butyryl-CoA dehydrogenase; ACAD3; SCAD; Short-chain specific acyl-CoA dehydrogenase, mitochondrial

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

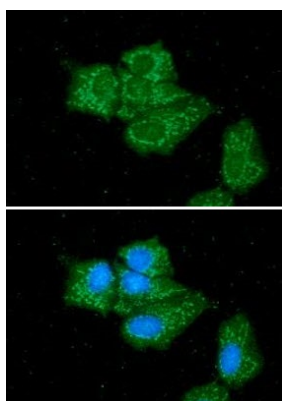
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 35 Human Swiss-port # P16219 Human
Gene Symbol	ACADS
Gene Full Name	acyl-CoA dehydrogenase, C-2 to C-3 short chain
Background	This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with short-chain acyl-CoA dehydrogenase (SCAD) deficiency. Alternative splicing results in two variants which encode different isoforms. [provided by RefSeq, Oct 2014]
Calculated Mw	44 kDa

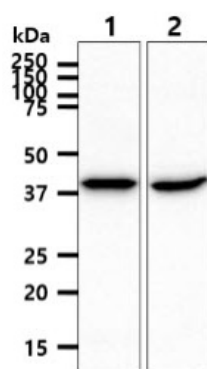
Images



ARG57087 anti-ACADS antibody [8B10] ICC/IF image

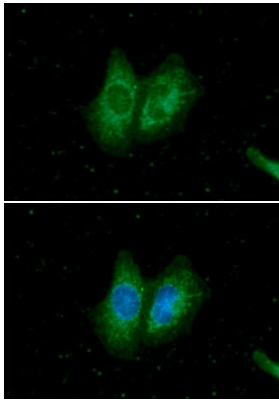
Immunofluorescence: Hep3B cell line stained with ARG57087 anti-ACADS antibody [8B10] at 1:100 (Green).

DAPI (Blue) for nucleus staining.



ARG57087 anti-ACADS antibody [8B10] WB image

Western blot: 40 µg of 1) HepG2 cell lysate, 2) LnCap cell lysate stained with ARG57087 anti-ACADS antibody [8B10] at 1:1000.



ARG57087 anti-ACADS antibody [8B10] ICC/IF image

Immunofluorescence: A549 cell line stained with ARG57087 anti-ACADS antibody [8B10] at 1:100 (Green).

DAPI (Blue) for nucleus staining.