

# ACADM Human

*Acyl-Coenzyme A Dehydrogenase, C-4 to C-12 Human Recombinant*  
ENZ0013

## Product Overview

Name ACADM Human

### Description

Acyl-Coenzyme A Dehydrogenase, C-4 to C-12 Human Recombinant

Accession (Primary) [P11310](#)

### Immunogen

Anti-human ACADS mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human ACADS amino acids 25-412 purified from E. coli.

### Synonyms

ACAD3, SCAD, EC 1.3.99.2, Short-chain specific acyl-CoA dehydrogenase, mitochondrial, Butyryl-CoA dehydrogenase, ACADS.

### Introduction

ACADS is a tetrameric mitochondrial flavoprotein, which is part of the acyl-CoA dehydrogenase family. ACADS catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in ACADS have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.

### Applications

ACADS antibody has been tested by ELISA, Western blot analysis, Flow cytometry and ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

### Type

Mouse Anti Human Monoclonal.

### Clone

PAT8B10AT.

### Ig Subclass

Mouse IgG 2a heavy chain and k light chain.

**Purification Method**

ACADS antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

**Storage Procedures**

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

**Stability / Shelf Life**

12 months at -20°C. 1 month at 4°C.

**Precautions**

ACADM Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information: ( [P11310](#) )**