

## Recombinant ACADM Monoclonal Antibody

catalog number: **AN301425L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

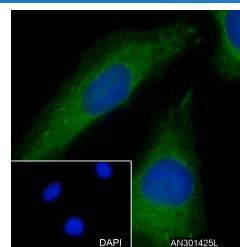
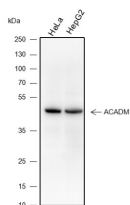
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human;  |
| <b>Immunogen</b>    | Recombinant human ACADM fragment                                |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG, $\kappa$   |
| <b>Clone</b>        | A120  |
| <b>Purification</b> | Protein A purified  |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:1000 |
| <b>IF</b> | 1:50         |

### Data



Western Blot with ACADM Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: HepG2  
**Observed-MW:45 kDa**  
**Calculated-MW:45 kDa**

Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-ACADM Monoclonal Antibody at dilution of 1:50.

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag   |

### Background

Acyl-CoA dehydrogenase specific for acyl chain lengths of 4 to 16 that catalyzes the initial step of fatty acid beta-oxidation. Utilizes the electron transfer flavoprotein (ETF) as an electron acceptor to transfer electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase).

### For Research Use Only

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