

For Research Use Only

# ACAD8 Recombinant monoclonal antibody

Catalog Number: 86742-2-RR



## Basic Information

<b>Catalog Number:</b> 86742-2-RR	<b>GenBank Accession Number:</b> BC001964	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27034	<b>CloneNo.:</b> 251392B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UKU7	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> acyl-Coenzyme A dehydrogenase family, member 8	
<b>Immunogen Catalog Number:</b> AG9967	<b>Calculated MW:</b> 45 kDa	
	<b>Observed MW:</b> 45-50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, NCI-H1299 cells
<b>Species Specificity:</b> human	

## Background Information

The acyl-CoA dehydrogenases (ACAD) (EC 1.3.99) are a family of nuclear-encoded mitochondrial enzymes involved in the metabolism of fatty acids and branched chain amino acids (PMID: 13295225). The eighth member of this family, ACAD8, catalyzes the conversion of isobutyryl-CoA to methacrylyl-CoA in valine catabolism (PMID: 12359132).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

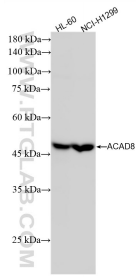
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86742-2-RR (ACAD8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.