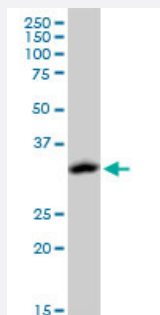


# ACOT8 monoclonal antibody (M03), clone 3F1

Catalog # H00010005-M03

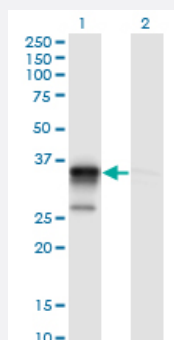
Size 100 ug

## Applications



### Western Blot (Cell lysate)

ACOT8 monoclonal antibody (M03), clone 3F1. Western Blot analysis of ACOT8 expression in A-431 (Cat # L015V1).

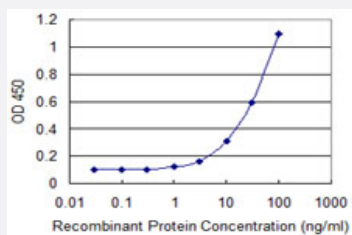


### Western Blot (Transfected lysate)

Western Blot analysis of ACOT8 expression in transfected 293T cell line by ACOT8 monoclonal antibody (M03), clone 3F1.

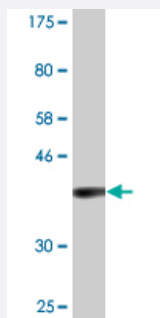
Lane 1: ACOT8 transfected lysate (Predicted MW: 35.9 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACOT8 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant ACOT8.
<b>Immunogen</b>	ACOT8 (NP_005460.2, 108 a.a. ~ 215 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	SVRSVKAVQHKGKPIFCQASFQQAQPSMQHQFSMPTVPPPEELLDCELTIDQYL RDPNLQK RYP LALNRIAAQEVPIEIKPVNPSPLSQLQRMEPKQMFWRARGYI
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (81); Rat (82)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

ACOT8 monoclonal antibody (M03), clone 3F1. Western Blot analysis of ACOT8 expression in A-431(Cat # L015V1 ).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACOT8 expression in transfected 293T cell line by ACOT8 monoclonal antibody (M03), clone 3F1.

Lane 1: ACOT8 transfected lysate (Predicted MW: 35.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACOT8 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ACOT8

Entrez GeneID [10005](#)

GeneBank Accession# [NM\\_005469](#)

Protein Accession# [NP\\_005460.2](#)

Gene Name ACOT8

Gene Alias HNAACTE, PTE-2, PTE1, PTE2, hACTE-III, hTE

Gene Description acyl-CoA thioesterase 8

Omim ID [608123](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** HIV-Nef associated acyl-CoA thioesterase|OTTHUMP00000031675|long-chain fatty-acyl-CoA hydrolase|palmitoyl-CoA hydrolase|peroxisomal acyl-CoA thioesterase 1|peroxisomal acyl-coenzyme A thioester hydrolase 1|peroxisomal long-chain acyl-CoA thioesterase 1|th