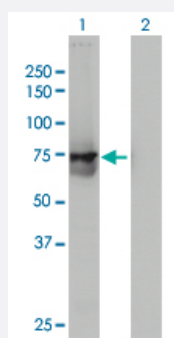


ACOX2 monoclonal antibody (M01), clone 1D1

Catalog # H00008309-M01

Size 100 ug

Applications

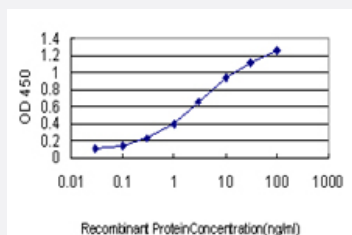


Western Blot (Transfected lysate)

Western Blot analysis of ACOX2 expression in transfected 293T cell line by ACOX2 monoclonal antibody (M01), clone 1D1.

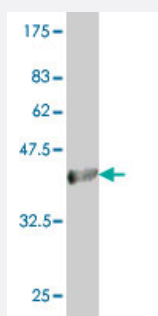
Lane 1: ACOX2 transfected lysate (77 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACOX2 is approximately 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ACOX2.

Immunogen	ACOX2 (NP_003491, 582 a.a. ~ 681 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HGILTNSGDFLHDAFLSGAQVDMARTAYLDLLRLIRKDAILLTDAFDFTDQCLNSALGCYDGNVYE RLFQWAQKSPTNTQENPAYEEYIRPLLQSWRSKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (83)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ACOX2 expression in transfected 293T cell line by ACOX2 monoclonal antibody (M01), clone 1D1.

Lane 1: ACOX2 transfected lysate(77 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACOX2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ACOX2

Entrez GeneID	8309
GeneBank Accession#	NM_003500
Protein Accession#	NP_003491
Gene Name	ACOX2
Gene Alias	BCOX, BRCACOX, BRCOX, THCCox
Gene Description	acyl-Coenzyme A oxidase 2, branched chain
Omim ID	601641
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children. [provided by RefSeq]
Other Designations	Peroxisomal branched chain acyl-CoA oxidase THCA-CoA oxidase Trihydroxycoprostanoyl-CoA oxidase

Pathway

- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)