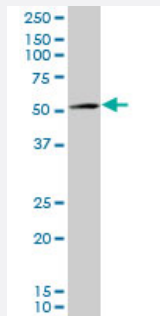


AMACR monoclonal antibody (M02), clone 1D8

Catalog # H00023600-M02

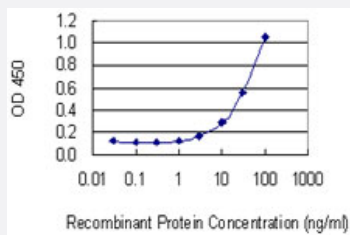
Size 100 ug

Applications



Western Blot (Cell lysate)

AMACR monoclonal antibody (M02), clone 1D8. Western Blot analysis of AMACR expression in HepG2 (Cat # L019V1).



Sandwich ELISA (Recombinant protein)

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

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant AMACR.
Immunogen	AMACR (AAH09471, 1 a.a. ~ 198 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MALQGISVMELSG LAPGPFCAMVLADFGARVVRVDRPGSRDYDVSRLGRGKRSLVLDLKQPRGA AVLRRLCKRSDVLLPEFRRGVMEKLQLGPEILQRENPRLIYARLSGFGQSGSFCRLAGHDINYLAL SGGRNSMFKFFSVENSEIESVGSTSRTEHV GWWSTFLYDLQDSRWGIHGCWSNRTPLRAADQ RTWTKV
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (72); Rat (74)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 (Cell lysate)

AMACR monoclonal antibody (M02), clone 1D8. Western Blot analysis of AMACR expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — AMACR

Entrez GeneID	23600
GeneBank Accession#	BC009471
Protein Accession#	AAH09471
Gene Name	AMACR
Gene Alias	RACE
Gene Description	alpha-methylacyl-CoA racemase
Omim ID	604489
Gene Ontology	Hyperlink

Gene Summary

Alpha-methylacyl-CoA racemase is responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers, which are the only stereoisomers that can be degraded via a peroxisomal beta-oxidation.[supplied by OMIM]

Other Designations

-

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)