

AMACR antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AD80509**Specification**

AMACR antibody - Product info

Application	IHC
Primary Accession	Q9UHK6
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	42387 Da

AMACR antibody - Additional info

Gene ID	23600
Other Names	
Alpha-methylacyl-CoA racemase, 5.1.99.4, 2-methylacyl-CoA racemase, AMACR	

Dilution
IHC~~1:100~500

Storage
Maintain refrigerated at 2-8°C

Precautions	AMACR antibody is for research use only and not for use in diagnostic or therapeutic procedures.
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AMACR antibody - Protein Information

Name AMACR

Function	Catalyzes the interconversion of (R)- and (S)-stereoisomers of alpha-methyl-branched-chain fatty acyl-CoA esters (PubMed:7649182, PubMed:10655068, PubMed:11060359). Acts only on coenzyme A thioesters, not on free fatty acids, and accepts as substrates a wide range of alpha-methylacyl-CoAs, including pristanoyl-CoA, trihydroxycoprostanoyl-CoA (an intermediate in bile acid synthesis), and arylpropionic acids like the anti-inflammatory drug ibuprofen (2-(4-isobutylphenyl)propionic acid) but neither 3-methyl-branched nor linear-chain acyl-CoAs (PubMed:7649182,
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Cellular Location

PubMed:[10655068](#), PubMed:[11060359](#)).
Peroxisome. Mitochondrion

AMACR antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AMACR antibody - Images