

**AMACR**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA051**

**Specification**

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**AMACR - Product Information**

Application	IHC
Primary Accession	<a href="#">O9UHK6</a>
Host	Mouse
Clonality	Monoclonal
Calculated MW	42387 Da

**AMACR - Additional Information**

Gene ID	23600
Gene Name	AMACR
<b>Other Names</b>	
Alpha-methylacyl-CoA racemase, 5.1.99.4, 2-methylacyl-CoA racemase, AMACR	

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	AMACR is for research use only and not for use in diagnostic or therapeutic procedures.

**AMACR - Protein Information**

Name AMACR

Function	Catalyzes the interconversion of (R)- and (S)-stereoisomers of alpha-methyl-branched-chain fatty acyl-CoA esters (PubMed: <a href="#">7649182</a> , PubMed: <a href="#">10655068</a> , PubMed: <a href="#">11060359</a> ). 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: <a href="#">7649182</a> , PubMed: <a href="#">10655068</a> , PubMed: <a href="#">11060359</a> ). Peroxisome. Mitochondrion
Cellular Location	

## **AMACR - 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 - Images**