

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

AMACR - Product Information

Application	IHC
Primary Accession	O9UHK6
Host	Mouse
Clonality	Monoclonal
Calculated MW	42387 Da

AMACR - Additional Information

Gene ID	23600
Gene Name	AMACR
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 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:[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**

Cellular Location

acyl-CoAs (PubMed:[7649182](#),
PubMed:[10655068](#), PubMed:[11060359](#)).
Peroxisome. Mitochondrion

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