

Mouse AMACR Monoclonal Antibody | anti-AMACR antibody

AMACR (C-terminus) Antibody

CATALOG # AAA290453	HOST Mouse	APPLICATIONS Immunocytochemistry, Western Blot
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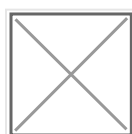
PRODUCT SYNONYMS

AMACR; Monoclonal Antibody; AMACR (C-terminus) Antibody; Purified Mouse Monoclonal Antibody (Mab); 2 arylpropionyl CoA epimerase; 2 methylacyl CoA racemase; 2-methylacyl-CoA racemase; Alpha methylacyl CoA racemase; Alpha methylacyl Coenzyme A racemase; Alpha methylacyl-CoA racemase deficiency; included; Alpha-methylacyl-CoA racemase; Amacr; AMACR deficiency; AMACR_HUMAN; CBAS4; Da1-8; EC 5.1.99.4; Macr 1; Macr1; Methylacyl CoA racemase alpha; P504S; RACE; RM.; anti-AMACR antibody

PRODUCT SPECIFICATIONS

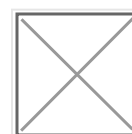
Host	Mouse
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	394
Applicable Applications for anti-AMACR antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry staining of Jurkat cells fixed with -20 degree C Ethanol and using anti-AMACR (C-terminus) mouse mAb (dilution 1:100).



WB (Western Blot)

Western blot detection of AMACR(C-terminus) in Rat Liver lysates using AMACR(C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 42KDa. Observed band size: 42KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-AMACR antibody	Racemization of 2-methyl-branched fatty acid CoA esters. Responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers.
Product Categories/Family for anti-AMACR antibody	Cancer ; Cell Biology ; Metabolism ; Signal transduction
References	Amery L., et al. J. Lipid Res. 41:1752-1759(2000). Ferdinandusse S., et al. Nat. Genet. 24:188-191(2000). Mubiru J.N., et al. Prostate 65:117-123(2005). Albers C., et al. Submitted (JAN-1999) to the EMBL/GenBank/DBJ databases. Ouyang B., et al. Submitted (NOV-2008) to the EMBL/GenBank/DBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	266456254
NCBI GeneID	23600
NCBI Accession #	NP_001161067.1
NCBI GenBank Nucleotide #	NM_001167595.1
UniProt Accession #	Q9UHK6; O43673; Q3KT79; Q96GH1; Q9Y3Q1; A5YM47; B8Y916; B8Y918; F8W9N1
Molecular Weight	42387
NCBI Official Full Name	alpha-methylacyl-CoA racemase isoform 3
NCBI Official Synonym Full Names	alpha-methylacyl-CoA racemase
NCBI Official Symbol	AMACR
NCBI Official Synonym Symbols	RM; RACE; CBAS4; AMACRD
NCBI Protein Information	alpha-methylacyl-CoA racemase
UniProt Protein Name	Alpha-methylacyl-CoA racemase
UniProt Gene Name	AMACR
UniProt Entry Name	AMACR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/amacr-antibody-immunocytochemistry-western-blot-elisa/290453>