

AMACR

Mouse Monoclonal antibody(Mab)

Catalog # AD80051

Product Information

Application	IHC-P
Primary Accession	Q9UHK6
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	325A9D5
Calculated MW	42387

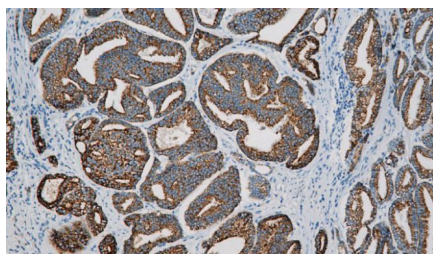
Additional Information

Gene ID	23600
Gene Name	AMACR
Other Names	Alpha-methylacyl-CoA racemase, 5.1.99.4, 2-methylacyl-CoA racemase, AMACR
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	AMACR/p504s Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	AMACR
Function	Catalyzes the interconversion of (R)- and (S)-stereoisomers of alpha-methyl-branched-chain fatty acyl-CoA esters (PubMed: 10655068 , PubMed: 11060359 , PubMed: 7649182). 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: 10655068 , PubMed: 11060359 , PubMed: 7649182).
Cellular Location	Peroxisome. Mitochondrion

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.