

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,

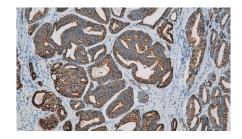
not on free fatty acids, and accepts as substrates a wide range of

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'.