

Mouse anti-Alpha-Methylacyl-CoA Racemase (AMACR, p504s), Clone EPUM1 (monoclonal)

Clone no. EPMU1

MONXtra

Product name	Mouse anti-Alpha-Methylacyl-CoA Racemase (AMACR, p504s), Clone EPUM1 (monoclonal)
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to 382 amino acids of the human alpha-methylacyl-CoA racemase molecule.
Isotype	IgG1
Clonality	Monoclonal
Clone number	EPMU1
Size	1 ml
Concentration	Greater than or equal to 84 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 15mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Alpha-methylacyl-CoA racemase (AMACR), also known as p504s, is a mitochondrial and peroxisomal enzyme that is involved in bile acid biosynthesis and beta-oxidation of branched-chain fatty acids. AMACR is essential in lipid metabolism, and is expressed in normal liver (hepatocytes), kidney (tubular epithelial cells) and gall bladder (epithelial cells). Expression has also been found in lung (bronchial epithelial cells) and colon (colonic surface epithelium). Expression is granular and cytoplasmic. AMACR expression can also be found in hepatocellular carcinoma and kidney carcinoma. Past studies have also shown that AMACR is expressed in various colon carcinomas (well, moderately and poorly differentiated) and over expressed in prostate carcinoma.

References

1. Lloyd M et al. FEBS Journal. 2008: 275;1089–1102
2. Rubin M et al. J. of the Am. Med. Assoc. 2002: 287(13);1662–1670
3. -
4. -
5. -

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