



# AMACR Monoclonal Antibody

<b>Product Code</b>	CSB-MA067528
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Specificity</b>	AMACR/P504S Mouse Monoclonal antibody detects endogenous AMCAR/P504S proteins.
<b>Tested Applications</b>	ELISA, WB, IHC; Recommended dilution: WB: 1:500-1:5000, IHC: 1:50-1:500
<b>Relevance</b>	AMACR has been recently described as prostate cancer-specific gene that encodes a protein involved in the beta-oxidation of branched chain fatty acids. Expression of AMACR protein is found in prostatic adenocarcinoma but not in benign prostatic tissue. It stains premalignant lesions of prostate: high-grade prostatic intraepithelial neoplasia (PIN) and atypical adenomatous hyperplasia.
<b>Form</b>	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Clonality</b>	Monoclonal
<b>Alias</b>	2-methylacyl-CoA racemase; Alpha-methylacyl-CoA racemase; AMACR; CBAS4; RACE
<b>Product Type</b>	Monoclonal Antibody