

Rabbit anti-Human AMACRacemase Monoclonal Antibody | anti-AMACRacemase antibody

AMACRacemase RMaB

CATALOG # AAA59169	HOST Rabbit	REACTIVITY Human
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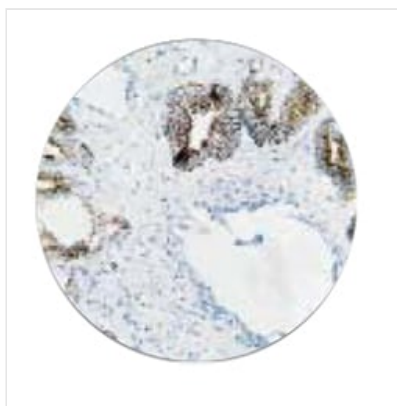
PRODUCT SYNONYMS

AMACRacemase; Monoclonal Antibody; AMACRacemase RMaB; anti-AMACRacemase antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	13H4
Form/Format	P504S/AMACR is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Prostatic Adenocarcinoma
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohiostchemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-AMACRacemase antibody	AMACR (P504S) is an acronym for the protein alpha-methylacyl CoA racemase that helps to metabolize certain fatty acids within the body. AMACR has been recently described as a 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 the prostate: High-Grade Prostatic Intraepithelial Neoplasia (PIN) and Atypical Adenomatous Hyperplasia. Several studies have suggested that AMACR can be used as a prostate cancer biomarker. High expression of AMACR (P504S) protein is usually found in Prostatic Adenocarcinoma but not in benign prostatic tissue by immunohistochemical staining in paraffin-embedded tissues. Using AMACR as a positive marker along with basal-cell staining (34betaE12 or p63) as a negative marker could help to confirm the identification of small foci of Prostate Carcinoma on needle biopsies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13626118
NCBI GeneID	23600
NCBI Accession #	Q9UHK6
NCBI GenBank Nucleotide #	Q9UHK6
UniProt Accession #	Q9UHK6; O43673; Q96GH1; Q9Y3Q1; A5YM47; B8Y916; B8Y918; Q3KT79; Q53GV0; Q6VRU3; Q6VRU4
Molecular Weight	42,387 Da
NCBI Official Full Name	Alpha-methylacyl-CoA racemase
NCBI Official Synonym Full Names	alpha-methylacyl-CoA racemase
NCBI Official Symbol	AMACR
NCBI Official Synonym Symbols	RM; RACE; CBAS4
NCBI Protein Information	alpha-methylacyl-CoA racemase; OTTHUMP00000115916; OTTHUMP00000115917; OTTHUMP00000219978; OTTHUMP00000219979; OTTHUMP00000219980; 2-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.