

anti-Human AMACR/P504S Monoclonal Antibody | anti-AMACR/P504S antibody

AMACR/P504S Mouse Monoclonal Antibody

CATALOG # AAA267023	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

AMACR/P504S; Monoclonal Antibody; AMACR/P504S Mouse Monoclonal Antibody; anti-AMACR/P504S antibody

PRODUCT SPECIFICATIONS

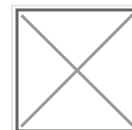
Reactivity	Human
Clonality	Monoclonal
Clone Number	4A12
Specificity	AMACR/P504S Mouse Monoclonal antibody detects endogenous AMCAR/P504S proteins (42KD).
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	198
Applicable Applications for anti-AMACR/P504S antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



Application Data

Western blot analysis of HepG2 cell lysate (lane 1) and mouse kidney (lane 2) with AMACR/P504S mAb diluted at 1:1,000. IHC staining of mouse prostate adenocarcinoma tissue with AMACR/P504S mouse mAb(4A12) diluted at 1:200.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-AMACR/P504S antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42822893
NCBI GeneID	23600
NCBI Accession #	NP_976316.1
NCBI GenBank Nucleotide #	NM_203382.2

UniProt Accession #	Q9UHK6; O43673; Q3KT79; Q96GH1; Q9Y3Q1; A5YM47; B8Y916; B8Y918; F8W9N1
Molecular Weight	43,860 Da
NCBI Official Full Name	alpha-methylacyl-CoA racemase isoform 2
NCBI Official Synonym Full Names	alpha-methylacyl-CoA racemase
NCBI Official Symbol	AMACR
NCBI Official Synonym Symbols	RM; RACE; CBAS4; P504S; AMACRD
NCBI Protein Information	alpha-methylacyl-CoA racemase
UniProt Protein Name	Alpha-methylacyl-CoA racemase
UniProt Gene Name	AMACR

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/amacr-p504s-antibody-clone-4a12-immunohistochemistry-western-blot-elisa/267023>