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

AMACR/P504S Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300730	**Mouse**	**Human**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

AMACR/P504S; Monoclonal Antibody; AMACR/P504S Mouse Monoclonal Antibody; 2-methylacyl-CoA racemase; Alpha-methylacyl-CoA racemase; AMACR; CBAS4; RACE; anti-AMACR/P504S antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	4A12
Specificity	AMACR/P504S Mouse Monoclonal antibody detects endogenous AMCAR/P504S proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	394
Applicable Applications for anti-AMACR/P504S antibody	IHC (Immunohistochemistry), WB (Western Blot)
Target Name	AMACR/P504S
Preparation and Storage	Store at -20 degree C

IMAGES

IHC (Immunohiostchemistry)
IHC staining of mouse prostate adenocarcinoma tissue with AMACR/P504S mouse mAb(4A12) diluted at 1:200.

WB (Western Blot)
Western blot analysis of HepG2 cell lysate (lane 1) and mouse kidney (lane 2), using diluted at 1:1,000.

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.
Product Categories/Family for anti-AMACR/P504S antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	266456254
NCBI GeneID	23600
NCBI Accession #	NP_001161067.1
NCBI GenBank Nucleotide #	NM_001167595.1
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 3
NCBI Official Synonym Full Names	alpha-methylacyl-CoA racemase
NCBI Official Symbol	AMACR
NCBI Official Synonym Symbols	RM; RACE; CBAS4; AMACRD
NCBI Protein Information	alpha-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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/amacr-p504s-antibody-clone-4a12-immunohistochemistry-western-blot-elisa/300730