
Product Name: AMACR/P504S Mouse Monoclonal Antibody**Catalog #: AMM86150**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:50-1:100,ICC 1:100-1:200
Molecular Weight	42kDa

Antigen Information

Gene Name	AMACR/P504S
Alternative Names	2-methylacyl-CoA racemase; Alpha-methylacyl-CoA racemase; AMACR; CBAS4; RACE
Gene ID	23600;
SwissProt ID	Q9UHK6
Immunogen	

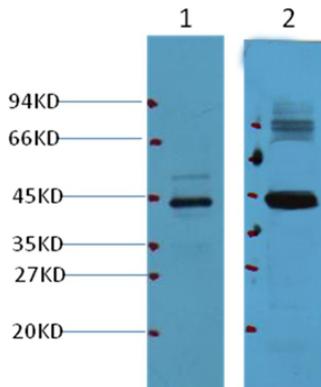
Background

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

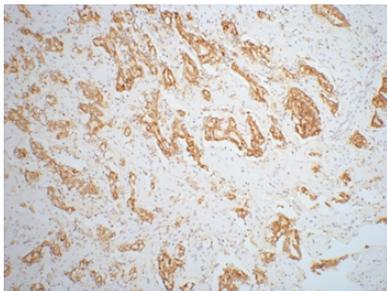
hyperplasia.

Research Area

Image Data



Western blot analysis of HepG2 cell lysate (lane 1) and mouse kidney (lane 2), using AMACR/P504S Mouse Monoclonal Antibody diluted at 1:1,000.



IHC staining of mouse prostate adenocarcinoma tissue with AMACR/P504S mouse mAb diluted at 1:200.