

AMCAR-P504S Mouse Monoclonal Antibody (4A12)

Catalog No.: RA10240

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	42KD

Applications

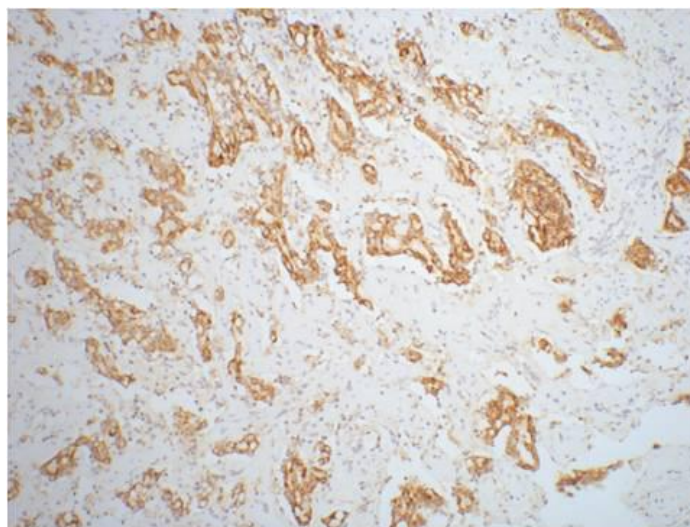
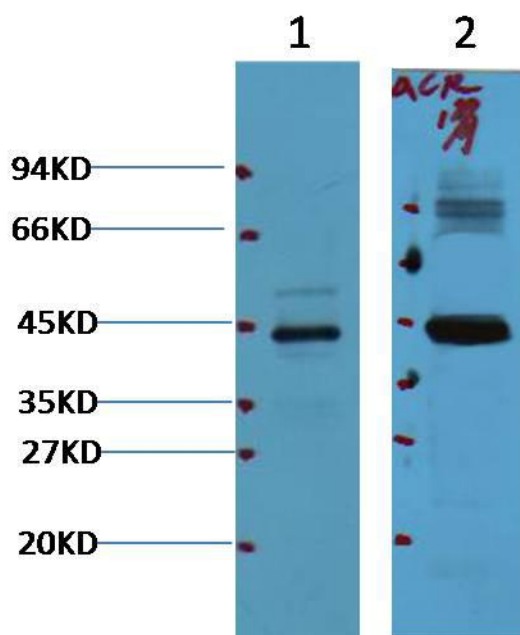
Recommended Dilution

WB	1:1,000
IHC	1:100-200

Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1)HepG2, 2)Mouse Kidney with AMACR/P504S mAb diluted at 1:1,000.

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

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.