



ELK Biotechnology

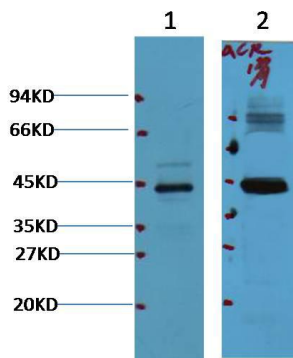
AMACR/P504S Mouse mAb

Catalog NO.: EM1047

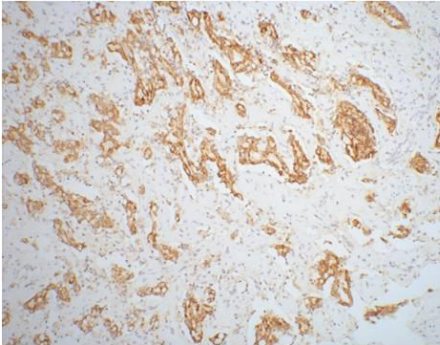
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Overview

Product name	AMACR/P504S Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	WesternBlot:1/1000 Immunohistochemistry:1/200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	42kDa
GeneID (Human)	23600
Human Swiss-Prot No.	Q9UHK6
Cellular localization	Peroxisome. Mitochondrion
Alternative Names	Alpha-Methylacyl Coenzyme A Racemase ;RACE; 2-methylacyl-CoA racemase
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.



Western blot analysis of) HepG2 2) Mouse Kidney with AMACR/P504S mAb diluted at:1000.



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