

AMACR/P504S Mouse Monoclonal Antibody (4A12)

Catalog	TDY067C	TDY067F
Quantity	50 μ L	100 μ L

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Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, M, R	42KD	IgG1

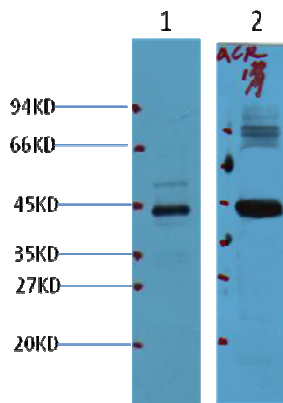
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

Recommended dilutions: WB: 1:1,000 IHC: 1:200

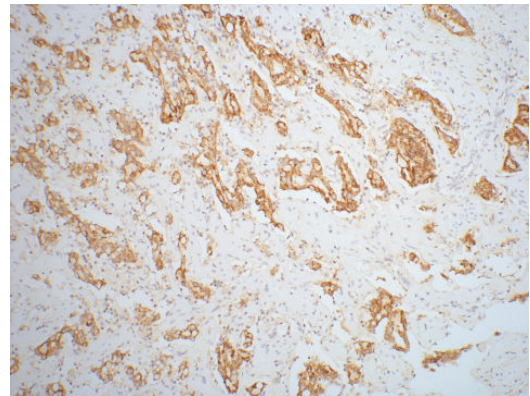
Optimal dilutions should be determined by the end user.

Specificity: AMACR/P504S Mouse Monoclonal antibody detects endogenous AMCAR/P504S proteins.

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 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(4A12) diluted at 1:200.