

# Anti-AMACR Mouse Monoclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E010020-01	50µl
E010020-02	100µl

<b>Product Name</b>	Anti- AMACR/P504S Mouse Monoclonal Antibody
<b>Product type</b>	Primary Antibody
<b>Application</b>	WB IHC IF
<b>Description</b>	Mouse Monoclonal to AMACR/P504S antibody
<b>Immunogen</b>	A synthetic peptide conjugated to KLH
<b>Specificity</b>	Human Mouse Rat

## Background Information

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 AMARC 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.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows:

Western blot (1:1000-1:5,000), Immunofluorescence and Immunocytochemistry (1:200-1:800).

## Host

Mouse

## Clonality

## Storage Buffer

1mg/ml in PBS, pH 7.4 with 0.02% sodium azide, 50% Glycerol.

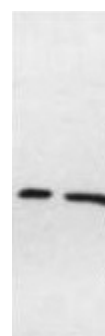
## Form

Liquid, 1mg/ml

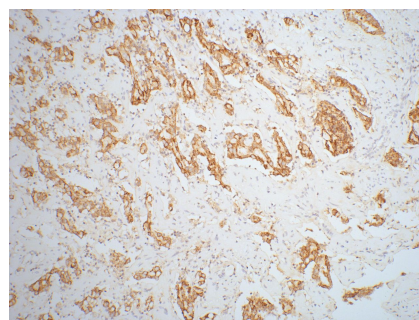
## Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Western blot analysis of A549 and Jurkat cells using AMACR mouse mAb dilution at 1: 1000



at 1: 200 dilution staining AMACR by immunohistochemistry on paraffin-embedded human prostate adenocarcinoma tissue.