

## Rabbit Monoclonal anti-AMACR, Clone 13H4

60-0096; 60-0096-7	6 mL; 7 mL Pre-dilute Antibody, Ready-To-Use
61-0096, 61-0096-2, 61-0096-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	N/A
Concentration	See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect AMACR in normal and neoplastic formalin fixed, paraffin embedded (FFPE) tissue sections in immunohistochemical (IHC) detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

### Description

AMACR (Alpha Methylacyl Coenzyme A Racemase) is expressed in cells of premalignant high-grade prostatic intraepithelial neoplasia and prostate adenocarcinoma, but is present at low or undetectable levels in glandular epithelial cells of normal prostate and benign hyperplasia. AMACR is a useful positive marker for prostate carcinoma. AMACR is also expressed in normal non-prostate epithelium and in carcinomas from outside the prostate.

### Reagent provided

This antibody is diluted in 10 mM phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide ( $\text{NaN}_3$ ) as antimicrobial agent.

### Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide ( $\text{NaN}_3$ ) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of  $\text{NaN}_3$  may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

### Usage

#### Dilution

60-0096; 60-0096-7: Ready-To-Use  
 61-0096, 61-0096-2, 61-0096-5: Dilute 1:50-100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

#### Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

#### Positive control tissue

Prostate Cancer

#### Epitope retrieval

HIER Tris pH 9

#### Staining pattern

Cytoplasm

### Storage

Store at 2-8°C.

### References

- Hameed O, et al. Am J Surg Pathol. 2005 May;29(5):579-87
- Jiang Z, et al. Hum Pathol. 2003 Aug;34(8):792-6

### Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

