

AMACR (p504S)

Catalog # 10103.05 or .10 (0,5ml or 1,0 ml, concentrated)

Catalog# 10103.50 (5 ml Ready to Use)

INTENDED USE

- **In Vitro:** This product is intended for qualitative immunohistochemistry with normal and neoplastic, formalin-fixed, paraffin embedded tissue sections, to be viewed by light microscopy.
- **Description:** . High expression of AMACR (p504S) protein is found in prostatic adenocarcinoma but not in benign prostatic tissue by immunohistochemical staining in paraffin-embedded tissues. The expression of AMACR (p504S) is also detected in two premalignant lesions of the prostate: high-grade prostatic intraepithelial neoplasia (PIN) and atypical adenomatous hyperplasia.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Prostate carcinoma

MATERIALS PROVIDED

- **AMACR specific rabbit monoclonal antibody:**
#10103.10, (or .05) is tissue culture supernatant, concentrated, with 0.09% sodium azide.
- **Host:** Rabbit
- **Epitope:** Not determined .
- **Species Reactivity:** Human. Others not tested.
- **Clone:** 13H4
- **Ig Isotype / Light Chain:** IgG
- **Immunogen:** Human AMACR (p504S) polypeptide
- **Sterility:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED

- Detection system
- Chromogen/substrate system

METHODS AND PROCEDURES

- **Tissue Section Pretreatment:** Staining of formalin-fixed tissue sections requires treating in boiling 10mM citrate buffer, pH 6.0 for 10-20 minutes.
- **Recommended Pretreatment Kit:**
HISTOLS®-Pre-Treatment IHC Kit (cat# 30016), containing the reagents below:
HISTOLS®-Citrate Buffer (cat#30010)
HISTOLS®-Peroxidase Blocking Solution (cat# 30013)
HISTOLS®-BBPS (Background Blocking Protein Solution)(cat# 30012)
- **Dilution of Concentrated Antibody:**
1:100 in antibody diluent.
- **Primary Antibody Incubation Time:** 60 minutes at RT.
- **Recommended Detection System:**
HISTOLS®-MR (anti-mouse&rabbit Ig) (cat# 30011)
- **Visualization:** To detect antibody binding sites, follow the instructions provided with the chromogen/substrate system.

STORAGE AND STABILITY

This product contains sodium azide and is stable when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

