Keratin, HMW Ab-3
Catalog # MS-1447-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)
Catalog # MS-1447-R7 (7.0ml)
Catalog # MS-1447-PCS

INTENDED USE:
• **For In Vitro diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

• **Description:** In normal cells, Ab-3 labels squamous, ductal and other complex epithelia. It reacts with benign small-acinar lesions of the prostate and does not react with hepatocytes, pancreatic acinar cells, proximal renal tubes or endometrial glands. In tumor cells, this antibody is reactive with both squamous and ductal neoplasms and variably with those derived from simple epithelium.

• **Expected Staining Pattern:** Cytoplasmic
• **Positive Control:** Squamous cell CA

MATERIALS PROVIDED:
Keratin, HMW Ab-3 (refer to catalog number):
• #MS-1447-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.
or
• #MS-1447-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
or
• #MS-1447--PCS: 5 positive control slides.
• **Antibody Concentration:** Not known
• **Host:** Mouse
• **Mol. Wt. of Antigen:** 68kDa (keratin 1), 58kDa (keratin 5), 56.5kDa (keratin 10) and 50kDa (keratin 14)
• **Epitope:** Not determined
• **Species Reactivity:** Human, Monkey, Horse, and Rabbit. Others-not known.
• **Clone Designation:** 34BetaE12
• **Ig Isotype / Light Chain:** IgG1
• **Immunogen:** Solubilized keratin extracted from human stratum corneum.
• **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:
• **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
• **Negative Control Reagent:** Refer to the “General Protocol” instructions.
• **Visualization System:** Refer to the “General Protocol” instructions.

METHODS AND PROCEDURES:

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<thead>
<tr>
<th>Specimen Preparation</th>
<th>Refer to the “General Protocol” instructions.</th>
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<tr>
<td>Dilution of Concentrated Antibody</td>
<td>1:50-1:100 in antibody diluent</td>
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<tr>
<td>Tissue Section Pretreatment</td>
<td>Staining of formalin-fixed tissue sections requires treating the tissue sections in Protease XXV at 1 mg/ml PBS, (Lab Vision Catalog # AP-9004) for 5 minutes at 37C.</td>
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<td>Primary Antibody Incubation Time</td>
<td>30 minutes at Room Temperature</td>
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<tr>
<td>Visualization</td>
<td>To detect antibody, follow the instructions provided with the visualization system.</td>
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STORAGE and STABILITY:
This product contains sodium azide and is stable for 24 months 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.

REFERENCES: