Rabbit Anti-Cytokeratin 19 [EP72]: RM0079, RM0079RTU7

Intended Use: For Research Use Only

Description: Cytokeratin polypeptide 19 (CK19) is a type I intermediate filament protein that is expressed in stratified and simple-type epithelia. CK19 is synthesized mainly in embryonic and adult simple epithelia, but has also been found in non-keratinizing stratified epithelia as well. CK19 is the smallest known keratin and is remarkable in that, contrary to all other keratins, it does not have a designated partner for the formation of filaments, implying that regulation of its expression is different from other keratin-encoding genes. CK19 antibody is a useful tool for the identification of epithelial tumors. It is helpful in distinguishing hepatocellular carcinoma (CK19-) from cholangiocarcinoma (CK19+) or metastatic carcinoma in liver (CK19+).

Specifications:
Clone: EP72
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH 7.4, containing BSA and and ≤0.09% sodium azide (NaN3)

Storage: Store at 2°- 8°C
Applications: IHC

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cytokeratin 19 Concentrated</td>
<td>RM0079</td>
<td>1 ml</td>
</tr>
<tr>
<td>Cytokeratin 19 Prediluted</td>
<td>RM0079RTU7</td>
<td>7 ml</td>
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</tbody>
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IHC Procedure*:
Positive Control Tissue: Colon, colon cancer
Concentrated Dilution: 50-200
Pretreatment: Citrate pH 6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.

FFPE human colon stained with anti-CK19 using DAB

References: