Rabbit Anti-Cyclin D1 [EP12]: RM0071, RM0071RTU7

Intended Use: For Research Use Only

Description: Cyclin D1 belongs to the Cyclin D family. Cyclin D1 is required for the cell cycle G1/S transition. Amplification or overexpression of cyclin D1 plays a pivotal role in the development of various human cancers including breast cancer, colon cancer, melanoma, prostate cancer and lymphoma. It is useful to differentiate mantle cell lymphoma from small cleaved cell lymphoma. Rabbit monoclonal antibodies to cyclin D1 showed the highest sensitivity to detect this antigen in formalin fixed paraffin embedded tissue as compared to several other clones.

Specifications:
Clone: EP12
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Nucleus
Formulation: Antibody in PBS pH7.4, containing BSA, 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>Cyclin D1 Concentrated</td>
<td>RM0071</td>
<td>1ml</td>
</tr>
<tr>
<td>Cyclin D1 Prediluted</td>
<td>RM0071RTU7</td>
<td>7ml</td>
</tr>
</tbody>
</table>

IHC Procedure*:
Positive Control Tissue: Tonsil, breast ca, lymphoma
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 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.

References: