Rabbit Anti-IMP3/KOC/L523S Polyclonal: RC0308, RC0308RTU7

Intended Use: For Research Use Only

Description: Insulin-like growth factor-II messenger RNA (mRNA)-binding protein-3 (IMP-3), also known as K homology domain-containing protein overexpressed in cancer (KOC) and L523S, is a member of the insulin-like growth factor-II mRNA-binding protein family and is expressed during embryogenesis and in some malignancies. IMP-3 is expressed in malignant melanoma but not in benign nevi, even when dysplastic features are present; IMP-3 is expressed in a significantly higher proportion of melanomas than Spitz nevi; and IMP-3 is expressed in metastatic melanomas significantly more than in thin melanomas. IMP-3 appears to be involved in the progression of malignant melanoma and may play an important role in the regulation of the biologic behavior of this tumor.

Specifications
- Clone: Polyclonal
- Source: Rabbit
- Isotype: IgG
- Localization: Cytoplasm, 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>IMP3/KOC/L523S Concentrated</td>
<td>RC0308</td>
<td>1 ml</td>
</tr>
<tr>
<td>IMP3/KOC/L523S Prediluted</td>
<td>RC0308RTU7</td>
<td>7 ml</td>
</tr>
</tbody>
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IHC Procedure*
- Positive Control Tissue: Placenta, prostate cancer
- Concentrated Dilution: 25-50
- Pretreatment: Citrate pH6.0 or EDTA pH8.0, 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: