Rabbit Anti-HPL [EP241]: RM0109, RM0109RTU7

**Intended Use:** For Research Use Only

**Description:** Human placental lactogen (also called CSH1 or HPL), is a member of the human growth hormone (hGH)/human placental lactogen gene family. It is important in the regulation of maternal and fetal metabolism, as well as the growth and development of the fetus. HPL is secreted by the syncytiotrophoblast during pregnancy. Antibody to HPL reacts with syncytiotrophoblastic cells in choriocarcinoma and intermediate trophoblasts in trophoblastic tumors. It is a useful marker for tumors with trophoblast differentiation.

**Specifications**
- **Clone:** EP241
- **Source:** Rabbit
- **Isotype:** IgG
- **Localization:** Cytoplasm
- **Formulation:** Purified antibody in 0.1M Tris, 0.1M Glycine, 10% Glycerol pH 7.0
- **Store at 2° - 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles**
- **Applications:** IHC for FFPE, Frozen

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
<th>Size</th>
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<tbody>
<tr>
<td>HPL Concentrated</td>
<td>RM0109</td>
<td>1 ml</td>
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<tr>
<td>HPL Prediluted</td>
<td>RM0109RTU7</td>
<td>7 ml</td>
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**IHC Procedure**
- **Positive Control Tissue:** Placenta tissue, trophoblast tumor tissue
- **Concentrated Dilution:** 50-200
- **Pretreatment:** Citra 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.

**References:**