Rabbit Anti-LIF/Leukemia Inhibitory Factor Polyclonal: RC0019

Intended Use: For Research Use Only

Description: LIF or Leukemia Inhibitory Factor is a pleiotropic cytokine produced at the maternal-fetal interface which has been shown to play an essential role in implantation in mice. This gene is mapped to 22q11-q12.2, between the Philadelphia translocation BCR gene and the breakpoint of the translocation in cell line GM2324 at 22q12.2. LIF is produced in high amounts by the human endometrium and the trophoblast itself, and LIF receptors are present on cytotrophoblast cells. LIF may play a role in modulating HLA-G production and immune tolerance at the maternal-fetal interface. LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes.

Specifications:
- Clone: Polyclonal
- Source: Rabbit
- Isotype: IgG
- Reactivity: Human
- Localization: Secreted
- Formulation: Antibody in PBS buffer pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
- Storage: Store at 2°-8°C
- Applications: IHC, WB

Package:

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<th>Description</th>
<th>Catalog No.</th>
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<tr>
<td>LIF/Leukemia Inhibitory Factor Concentrated</td>
<td>RC0019</td>
<td>1 ml</td>
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IHC Procedure*:
- Positive Control Tissue: Placenta
- Concentrated Dilution: 50-200
- 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:

Doc. 100-RC0019
Rev. A