

## 10-10012: Monoclonal Antibody to Lif (Clone: ABM2C57)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM2C57
<b>Application :</b>	IHC, WB
<b>Reactivity :</b>	Mouse, Human
<b>Gene :</b>	Lif
<b>Gene ID :</b>	16878
<b>Uniprot ID :</b>	P09056
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Lif
<b>Isotype :</b>	Rat IgG2b Kappa

**Immunogen Information :** A partial length recombinant mouse Lif protein was used as the immunogen for this antibody.

### Description

LIF (Leukemia inhibitory factor) is also known as differentiation-stimulating factor consists of 203 amino acids and it belongs to the LIF/OSM family. LIF acts as lymphoid factor, which promotes long-term maintenance of embryonic stem cells by suppressing spontaneous differentiation. LIF is responsible for terminal differentiation in leukemic cells, cholinergic neuron differentiation and control of stem cell pluripotency, bone and fat metabolism, mitogenesis of factor dependent cell lines. It is found to be expressed in spleen.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 1-3 µg/ml, Immunohistochemical analysis: 5 µg/ml

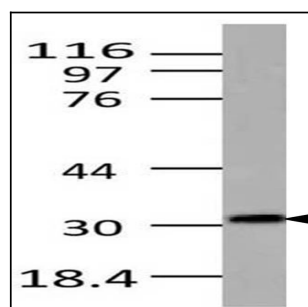


Fig-1: Western blot analysis of Mouse Lif. Anti- mLif antibody (Clone: ABM2C57) was used at 3 µg/ml on NIH3T3 lysate.

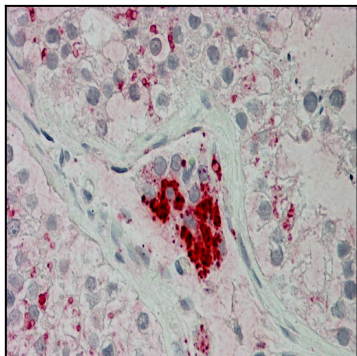


Fig-2 : Immunohistochemical analysis of Lif in human Testis tissue using Lif antibody (Clone: ABM2C57) at 10  $\mu$ g/ml.



Fig-3 : Immunohistochemical analysis of Lif in mouse small Intestine tissue using Lif antibody (Clone: ABM2C57) at 5  $\mu$ g/ml.