

# Anti-LIF Reference Antibody (MSC-1)

Recombinant Antibody  
Catalog # APR10224

## Product Information

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|--------------------------|----------------------------|
| <b>Application</b>       | FC, Kinetics, Animal Model |
| <b>Primary Accession</b> | <a href="#">P15018</a>     |
| <b>Reactivity</b>        | Human, Mouse               |
| <b>Clonality</b>         | Monoclonal                 |
| <b>Isotype</b>           | IgG1                       |
| <b>Calculated MW</b>     | 22008                      |

## Additional Information

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|----------------------------------|--|
| <b>Target/Specificity</b>        | LIF  |
| <b>Endotoxin<br/>Conjugation</b> | Unconjugated   |
| <b>Expression system</b>         | CHO Cell   |
| <b>Format</b>                    | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column. |

## Protein Information

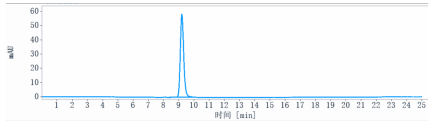
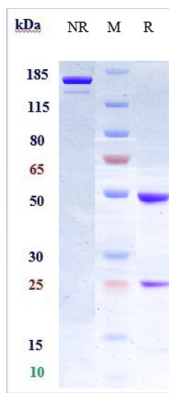
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|--------------------------|---|
| <b>Name</b>              | LIF   |
| <b>Synonyms</b>          | HILDA   |
| <b>Function</b>          | LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction 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. |
| <b>Cellular Location</b> | Secreted.   |

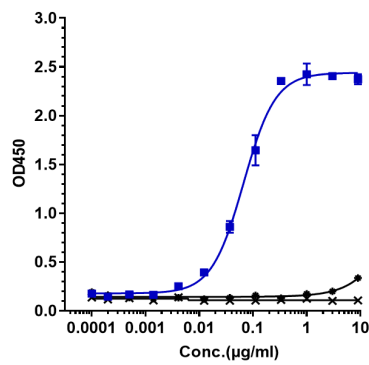
## Images

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Anti-LIF Reference Antibody (MSC-1) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-LIF Reference Antibody (MSC-1) is more than 98.6%, determined by SEC-HPLC.



Immobilized human LIF His at 2 µg/mL can bind Anti-LIF Reference Antibody (MSC-1),  $EC_{50}=0.06665$  µg/mL

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.