

**Anti-LIF Reference Antibody (MSC-1)  
Recombinant Antibody  
Catalog # APR10224****Specification**

---

**Anti-LIF Reference Antibody (MSC-1) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P15018</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	146.6 KDa

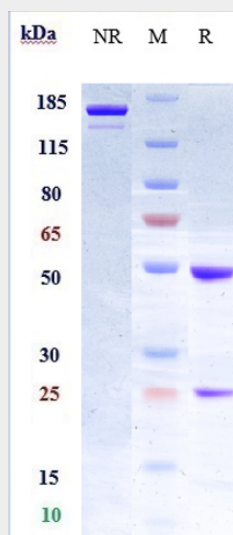
**Anti-LIF Reference Antibody (MSC-1) - Additional Information****Target/Specificity**  
LIF**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-LIF Reference Antibody (MSC-1) - Protein Information****Name** LIF**Synonyms** HILDA**Function**  
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.**Cellular Location**  
Secreted.

## Anti-LIF Reference Antibody (MSC-1) - Protocols

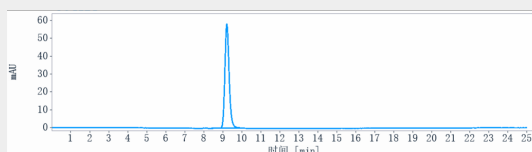
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

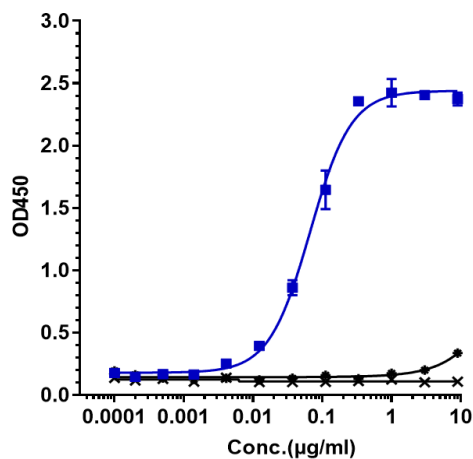
## Anti-LIF Reference Antibody (MSC-1) - Images



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)  $EC_{50}=0.06665 \mu\text{g/mL}$