

ARG57868 anti-LIF antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes LIF
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LIF
Species	Human
Immunogen	Partial recombinant protein around aa. 23-202 of Human LIF.
Conjugation	Un-conjugated
Alternate Names	LIF; Leukemia inhibitory factor; Emfilermin; CDF; DIA; Differentiation-stimulating factor; MLPLI; HILDA; Melanoma-derived LPL inhibitor; D factor

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 5 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

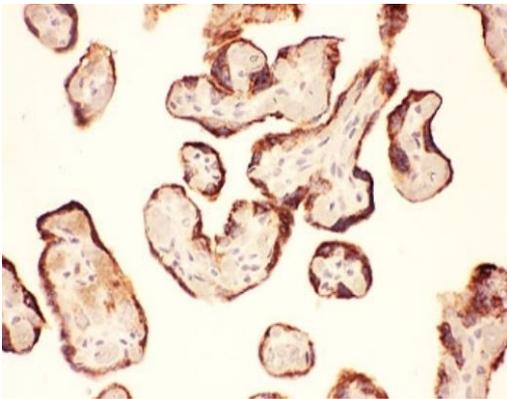
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

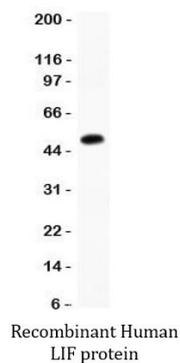
Gene Symbol	LIF
Gene Full Name	leukemia inhibitory factor
Background	The protein encoded by this gene is a pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012]
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. [UniProt]
Calculated Mw	22 kDa

Images



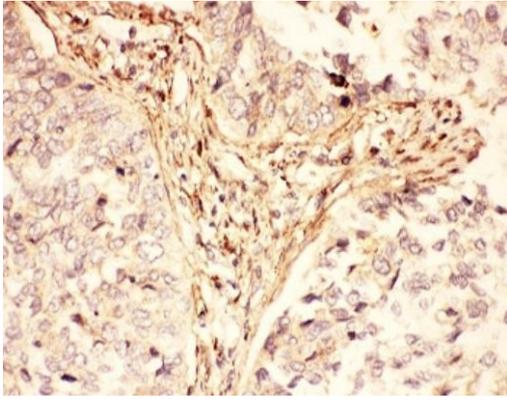
ARG57868 anti-LIF antibody IHC-P image

Immunohistochemistry: Paraffin-embedded human placenta tissue stained with ARG57868 anti-LIF antibody.



ARG57868 anti-LIF antibody WB image

Western blot: 0.5 ng of Recombinant Human LIF protein stained with ARG57868 anti-LIF antibody.



ARG57868 anti-LIF antibody IHC-P image

Immunohistochemistry: Paraffin-embedded human lung cancer tissue stained with ARG57868 anti-LIF antibody.