

Datasheet for ABIN7425671
anti-LIF antibody (AA 2-201)

5 Images

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Overview

Quantity:	100 µL
Target:	LIF
Binding Specificity:	AA 2-201
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Leukemia Inhibitory Factor (LIF)
Immunogen:	Recombinant Leukemia Inhibitory Factor (LIF) corresponding to Lys2~Ala201 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against LIF. It has been selected for its ability to recognize LIF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

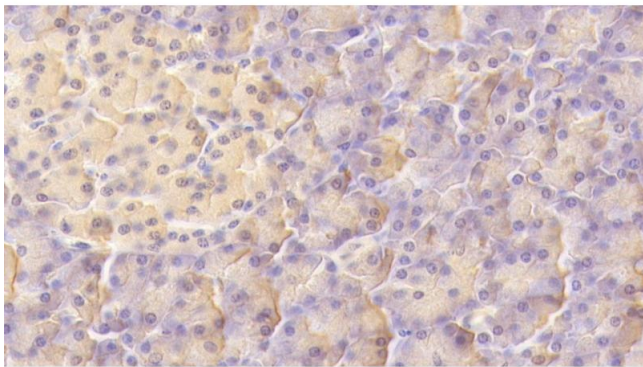
Target:	LIF
Alternative Name:	Leukemia Inhibitory Factor (LIF Products)
Background:	CDF, D-FACTOR, HILDA, MLPLI, Cholinergic Differentiation Factor, Differentiation-Stimulating Factor, Melanoma-Derived LPL Inhibitor, Emfilermin
Pathways:	JAK-STAT Signaling , Positive Regulation of Peptide Hormone Secretion , Negative Regulation of Hormone Secretion , Stem Cell Maintenance , Growth Factor Binding

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

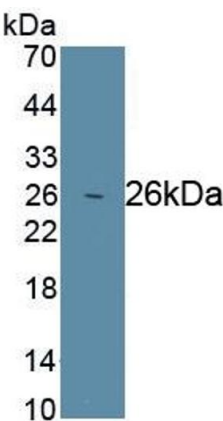
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



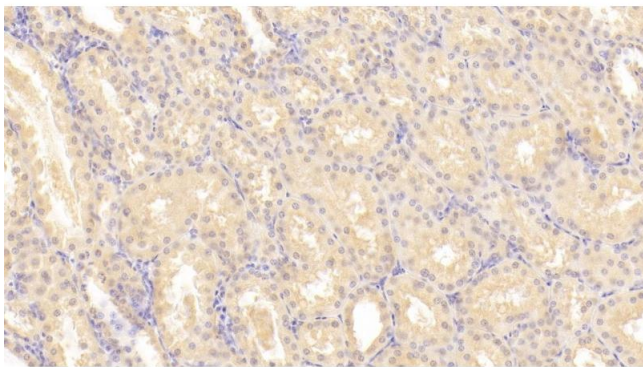
Immunohistochemistry

Image 1. Detection of LIF in Human Pancreas Tissue using Monoclonal Antibody to Leukemia Inhibitory Factor (LIF)



Western Blotting

Image 2. Detection of Recombinant LIF, Human using Monoclonal Antibody to Leukemia Inhibitory Factor (LIF)



Immunohistochemistry

Image 3. Detection of LIF in Human Kidney Tissue using Monoclonal Antibody to Leukemia Inhibitory Factor (LIF)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7425671.