Rat LIFR Antibody Pair Set

Catalog No. E-KAB-0383 **Applications** ELISA
Synonyms CD118, LIF-R, SJS2, STWS, SWS

Kit components & Storage

Title	Specifications	Storage
Rat LIFR Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Rat LIFR Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

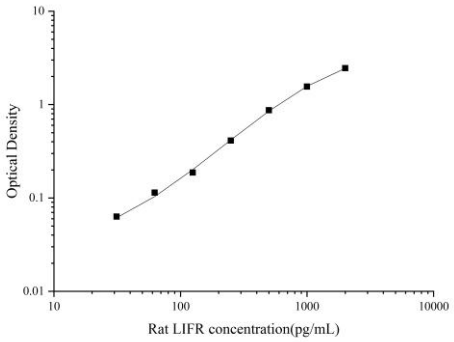
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0383)	
		Rat LIFR Capture Antibody	Rat LIFR Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat LIFR protein	Recombinant Rat LIFR protein
	Swissprot	O70535	
Product details	Reactivity	Rat	Rat
	Host	Mouse	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A	Protein A & Antigen Affinity
	Specificity	Detects Rat LIFR in ELISAs.	

Applications

Rat LIFR Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Rat LIFR Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat LIFR Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

This gene encodes a protein that belongs to the type I cytokine receptor family. This protein combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo. Mutations in this gene cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias.