Human FSTL3 Antibody Pair Set

Catalog No. E-KAB-0426 **Applications** ELISA

Synonyms FSTL3;FSRP;Follistatin-Related Protein;Follistatin Like 3;Follistatin-Like 3 (Secreted Glycoprotein);Follistatin-Related Protein 3

Kit components & Storage

Title	Specifications	Storage
Human FSTL3 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human FSTL3 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

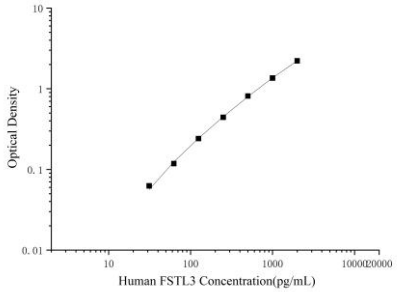
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0426)	
		Human FSTL3 Capture Antibody	Human FSTL3 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human FSTL3 protien	Recombinant Human FSTL3 protien
	Swissprot	O95633	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human FSTL3 in ELISAs.	

Applications

Human FSTL3 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human FSTL3 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human FSTL3 Detection Antibody (Biotin)	

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

Background

Isoform 1 or the secreted form is a binding and antagonizing protein for members of the TGF-beta family , such as activin , BMP2 and MSTN. Inhibits activin A- , activin B- , BMP2- and MSDT-induced cellular signaling , more effective on activin A than on activin B. Involved in bone formation , inhibits osteoclast differentiation. Involved in hematopoiesis , involved in differentiation of hemopoietic progenitor cells , increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. Isoform 2 or the nuclear form is probably involved in transcriptional regulation via interaction with MLLT10.