Mouse SOST Antibody Pair Set

Catalog No. E-KAB-0605 **Applications** ELISA
Synonyms CDD;VBCH

Kit components & Storage

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

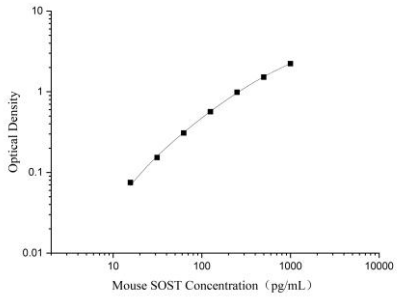
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0605)	
		Mouse SOST Capture Antibody	Mouse SOST Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse SOST protien	Recombinant Mouse SOST protien
	Swissprot	Q99P68	
Product details	Reactivity	Mouse	Mouse
	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 Mouse SOST in ELISAs.	

Applications

Mouse SOST Sandwich ELISA Assay:

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

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

Background

Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder , sclerosteosis , which causes progressive bone overgrowth. A deletion downstream of this gene , which causes reduced sclerostin expression , is associated with a milder form of the disorder called van Buchem disease.