Human TSP-1 Antibody Pair Set

Catalog No. E-KAB-0223 **Applications** ELISA
Synonyms THBS1 , THBS-1, TSP, TSP1, Thrombospondin-1p180

Kit components & Storage

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

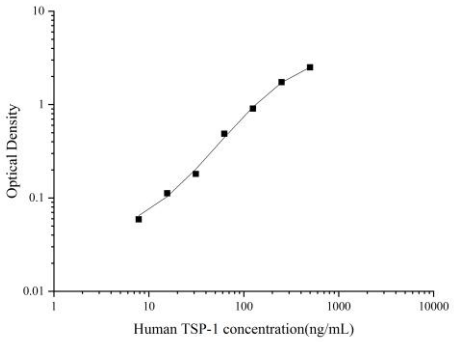
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0223)	
		Human TSP-1 Capture Antibody	Human TSP-1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human TSP-1 protein	Recombinant Human TSP-1 protein
	Swissprot	P07996	
Product details	Reactivity	Human	Human
	Host	Mouse	Goat
	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 or G	Antigen Affinity
	Specificity	Detects Human TSP-1 in ELISAs.	

Applications

Human TSP-1 Sandwich ELISA Assay:

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

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

Background

The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis.