

Mouse TSP-1 Antibody Pair Set

Catalog No.	E-KAB-0341	Applications	ELISA
Synonyms	THBS1 , THBS-1, TSP, TSP1, Thrombospondin-1p180		

Kit components & Storage

Title	Specifications	Storage
Mouse TSP-1 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse 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.

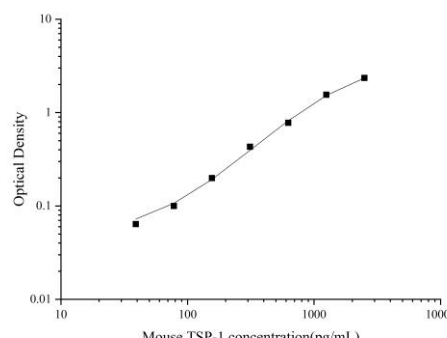
Product Information

Items		Characteristic (E-KAB-0341)	
		Mouse TSP-1 Capture Antibody	Mouse TSP-1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse TSP-1 protein	Recombinant Mouse TSP-1 protein
	Swissprot	P35441	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Rat
	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	Protein A or G
	Specificity	Detects Mouse TSP-1 in ELISAs.	

For Research Use Only

Applications

Mouse TSP-1 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images										
ELISA Capture	0.5-4μg/mL	Mouse TSP-1 Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Mouse TSP-1 concentration (pg/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>10</td><td>0.05</td></tr><tr><td>100</td><td>0.15</td></tr><tr><td>1000</td><td>1.5</td></tr><tr><td>10000</td><td>10</td></tr></tbody></table>	Mouse TSP-1 concentration (pg/mL)	Optical Density	10	0.05	100	0.15	1000	1.5	10000	10
Mouse TSP-1 concentration (pg/mL)	Optical Density												
10	0.05												
100	0.15												
1000	1.5												
10000	10												
ELISA Detection	1:1000-1:10000	Mouse 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.

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