Human MSP Antibody Pair Set

Catalog No. E-KAB-0434 **Applications** ELISA

Synonyms MST1;D3F15S2;DNF15S2;HGFL;MSP;NF15S2;macrophage stimulating 1;Hepatocyte growth factor-like protein;Macrophage stimulatory protein;Macrophage-stimulating protein

Kit components & Storage

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

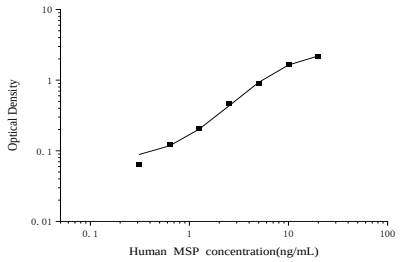
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0434)	
		Human MSP Capture Antibody	Human MSP Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human MSP protien	Recombinant Human MSP protien
	Swissprot	P26927	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	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	Protein A or G	Protein A or G
	Specificity	Detects Human MSP in ELISAs.	

Applications

Human MSP Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human MSP Capture Antibody	
ELISA Detection	1:1000-1:10000	Human MSP 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 contains four kringle domains and a serine protease domain , similar to that found in hepatic growth factor. Despite the presence of the serine protease domain , the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase , which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.