Mouse ESM1 Antibody Pair Set

Catalog No. E-KAB-0320 **Applications** ELISA
Synonyms ESM1, endocan, endothelial cell specific molecule 1

Kit components & Storage

Title	Specifications	Storage
Mouse ESM1 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse ESM1 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

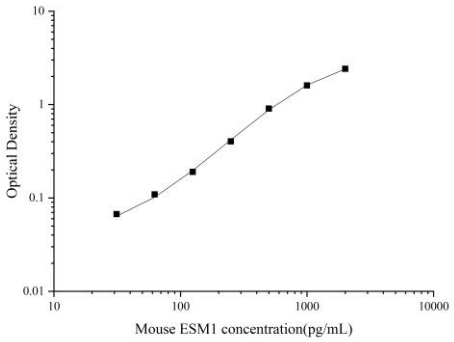
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0320)	
		Mouse ESM1 Capture Antibody	Mouse ESM1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse ESM1 protein	Recombinant Mouse ESM1 protein
	Swissprot	Q9QYY7	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	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	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse ESM1 in ELISAs.	

Applications

Mouse ESM1 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Mouse ESM1 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse ESM1 Detection Antibody (Biotin)	

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

Background

This gene encodes a secreted protein which is mainly expressed in the endothelial cells in human lung and kidney tissues. The expression of this gene is regulated by cytokines, suggesting that it may play a role in endothelium-dependent pathological disorders. The transcript contains multiple polyadenylation and mRNA instability signals. Two transcript variants encoding different isoforms have been found for this gene.