Mouse MFGE8 Antibody Pair Set

Catalog No. E-KAB-0602 **Applications** ELISA

Synonyms BA46;EDIL1;HMFG;Lactadherin;MFGM;Medin;Milk fat globule-EGF factor 8;OAcGD3S;SED1;SPAG10;Sperm Associated Antigen 10;Sperm Surface Protein hP47;hP47

Kit components & Storage

Title	Specifications	Storage
Mouse MFGE8 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse MFGE8 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

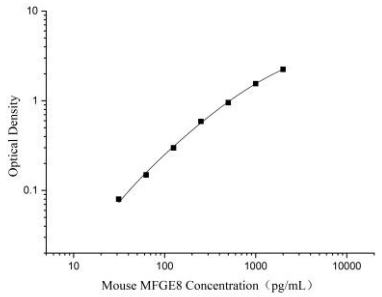
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0602)	
		Mouse MFGE8 Capture Antibody	Mouse MFGE8 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse MFGE8 protien	Recombinant Mouse MFGE8 protien
	Swissprot	P21956	
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 MFGE8 in ELISAs.	

Applications

Mouse MFGE8 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Mouse MFGE8 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse MFGE8 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 preproprotein that is proteolytically processed to form multiple protein products. The major encoded protein product , lactadherin , is a membrane glycoprotein that promotes phagocytosis of apoptotic cells. This protein has also been implicated in wound healing , autoimmune disease , and cancer. Lactadherin can be further processed to form a smaller cleavage product , medin , which comprises the major protein component of aortic medial amyloid (AMA) . Alternative splicing results in multiple transcript variants.