

## Human MFGE8 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0533	<b>Applications</b>	ELISA
<b>Synonyms</b>	MFG-E8;BA46;EDIL1;HMFG;MFGM;SED1;OAcGD3S;SPAG10;hP47;Lactadherin		

### Kit components & Storage

Title	Specifications	Storage
Human MFGE8 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human 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.

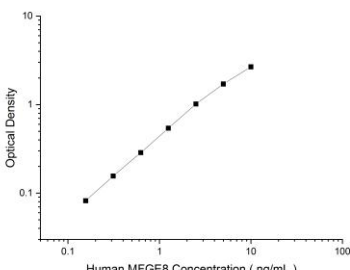
### Product Information

Items		Characteristic (E-KAB-0533)	
		Human MFGE8 Capture Antibody	Human MFGE8 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human MFGE8 protien	Recombinant Human MFGE8 protien
	Swissprot	Q08431	
Product details	Reactivity	Human	Human
	Host	Sheep	Sheep
	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 Human MFGE8 in ELISAs.	

### For Research Use Only

## Applications

### Human MFGE8 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human MFGE8 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human 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.

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