

## Human CD109 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0508	<b>Applications</b>	ELISA
<b>Synonyms</b>	CD109;CPAMD7;p180;r150;CD109 molecule		

### Kit components & Storage

Title	Specifications	Storage
Human CD109 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human CD109 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

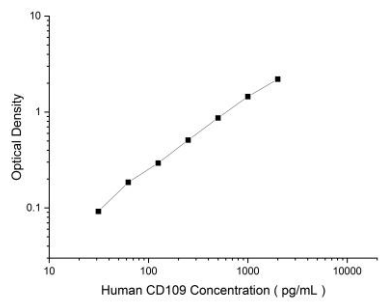
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0508)	
		Human CD109 Capture Antibody	Human CD109 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CD109 protien	Recombinant Human CD109 protien
	Swissprot	Q6YHK3	
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 CD109 in ELISAs.	

## Applications

Human CD109 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human CD109 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human CD109 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 member of the alpha2-macroglobulin/complement superfamily. The encoded GPI-linked glycoprotein is found on the cell surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signaling of transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene.