Human CD5L Antibody Pair Set

Catalog No. E-KAB-0509 **Applications** ELISA
Synonyms CD5L;AIM;API6;PRO229;SP-ALPHA;Spalpha;CT-2;hAIM;CD5 molecule like

Kit components & Storage

Title	Specifications	Storage
Human CD5L Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human CD5L Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

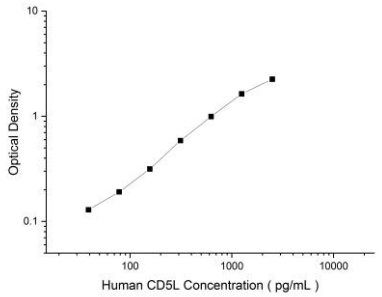
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0509)	
		Human CD5L Capture Antibody	Human CD5L Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CD5L protien	Recombinant Human CD5L protien
	Swissprot	O43866	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	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 CD5L in ELISAs.	

Applications

Human CD5L Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human CD5L Capture Antibody	
ELISA Detection	1:1000-1:10000	Human CD5L Detection Antibody (Biotin)	

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

Background

CD5L (CD5 molecule-like) , also known as API6 , PRO229 , Spalpha or SP-ALPHA , is a 347 amino acid secreted protein that belongs to the scavenger receptor cysteine-rich (SRCR) family of leukocyte regulating proteins. Expressed in bone marrow , spleen , thymus , lymph node and fetal liver , CD5L is thought to be involved in regulating the immune system via binding to peripheral monocytes and mediating their activation and overall survival. CD5L has three cysteine-rich domains and , in addition to its role in the immune system , may function to inhibit apoptosis and promote macrophage survival.