

Human DLL1 Antibody Pair Set

Catalog No.	E-KAB-0420	Applications	ELISA
Synonyms	Delta1;Drosophila Delta homolog 1		

Kit components & Storage

Title	Specifications	Storage
Human DLL1 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human DLL1 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

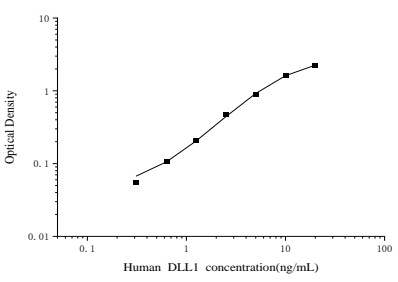
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0420)	
		Human DLL1 Capture Antibody	Human DLL1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human DLL1 protien	Recombinant Human DLL1 protien
	Swissprot	NP_005609.3	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	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	Protein A or G	Protein A or G
	Specificity	Detects Human DLL1 in ELISAs.	

Applications

Human DLL1 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																				
ELISA Capture	0.5-4 µg/mL	Human DLL1 Capture Antibody	 <table border="1"> <caption>Standard Curve Data (Approximate)</caption> <thead> <tr> <th>Human DLL1 concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr><td>0.1</td><td>0.05</td></tr> <tr><td>0.2</td><td>0.1</td></tr> <tr><td>0.5</td><td>0.2</td></tr> <tr><td>1</td><td>0.4</td></tr> <tr><td>2</td><td>0.8</td></tr> <tr><td>5</td><td>1.5</td></tr> <tr><td>10</td><td>2.5</td></tr> <tr><td>20</td><td>3.5</td></tr> <tr><td>50</td><td>4.5</td></tr> </tbody> </table>	Human DLL1 concentration (ng/mL)	Optical Density	0.1	0.05	0.2	0.1	0.5	0.2	1	0.4	2	0.8	5	1.5	10	2.5	20	3.5	50	4.5
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ELISA Detection	1:1000-1:10000	Human DLL1 Detection Antibody (Biotin)																					

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

Background

DLL1 is a homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged family. It plays a role in mediating cell fate decisions during hematopoiesis. It may play a role in cell-to-cell communication