

Mouse TRACP-5b Antibody Pair Set

Catalog No.	E-KAB-0588	Applications	ELISA
Synonyms	ACP5;TRAP5b;SPENCDI		

Kit components & Storage

Title	Specifications	Storage
Mouse TRACP-5b Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse TRACP-5b Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

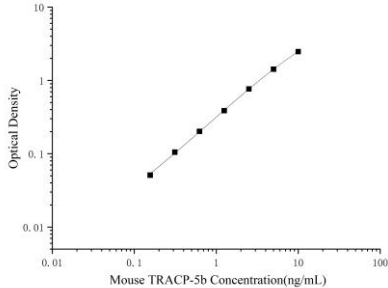
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0588)	
		Mouse TRACP-5b Capture Antibody	Mouse TRACP-5b Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse TRACP-5b protien	Recombinant Mouse TRACP-5b protien
	Swissprot	Q05117	
Product details	Reactivity	Mouse	Mouse
	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 Mouse TRACP-5b in ELISAs.	

Applications

Mouse TRACP-5b Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse TRACP-5b Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Mouse TRACP-5b Concentration (ng/mL). The x-axis ranges from 0.01 to 100 ng/mL, and the y-axis ranges from 0.01 to 10. The data points form a straight line, indicating a linear relationship between the concentration of the antigen and the optical density measured.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse TRACP-5b 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>1.6</td></tr> <tr><td>10</td><td>3.2</td></tr> </tbody> </table>	Mouse TRACP-5b Concentration (ng/mL)	Optical Density	0.1	0.05	0.2	0.1	0.5	0.2	1	0.4	2	0.8	5	1.6	10	3.2
Mouse TRACP-5b Concentration (ng/mL)	Optical Density																		
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ELISA Detection	1:1000-1:10000	Mouse TRACP-5b Detection Antibody (Biotin)																	

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

Background

May play a role in the process of bone resorption. The osteoclastic trap acts on nucleotide tri- and diphosphates with higher affinity, compared with other substrates.