

Mouse TNFRSF9 Antibody Pair Set

Catalog No.	E-KAB-0717	Applications	ELISA
Synonyms	CD137;CDw137;4-1BB;ILA;Induced By Lymphocyte Activation;T-cell antigen 4-1BB homolog		

Kit components & Storage

Title	Specifications	Storage
Mouse TNFRSF9 Capture Antibody	1 vial, 100 µg	Store at -20°C. Avoid freeze / thaw cycles.
Mouse TNFRSF9 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C. Avoid freeze / thaw cycles.

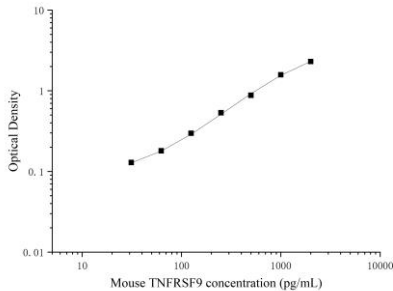
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0717)	
		Mouse TNFRSF9 Capture Antibody	Mouse TNFRSF9 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse TNFRSF9 protein	Recombinant Mouse TNFRSF9 protein
	Swissprot	P20334	
Product details	Reactivity	Mouse	Mouse
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Affinity purification	Affinity purification
	Specificity	Detects Mouse TNFRSF9 in ELISAs.	

Applications

Mouse TNFRSF9 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images										
ELISA Capture	0.5-4ug/mL	Mouse TNFRSF9 Capture Antibody	 <p>The graph displays a standard curve for the Mouse TNFRSF9 Sandwich ELISA Assay. The x-axis represents Mouse TNFRSF9 concentration in pg/mL on a logarithmic scale from 10 to 10000. The y-axis represents Optical Density on a logarithmic scale from 0.01 to 10. The data points form a straight line, indicating a linear relationship between concentration and optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse TNFRSF9 concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.1</td> </tr> <tr> <td>100</td> <td>0.3</td> </tr> <tr> <td>1000</td> <td>1.0</td> </tr> <tr> <td>10000</td> <td>3.0</td> </tr> </tbody> </table>	Mouse TNFRSF9 concentration (pg/mL)	Optical Density	10	0.1	100	0.3	1000	1.0	10000	3.0
Mouse TNFRSF9 concentration (pg/mL)	Optical Density												
10	0.1												
100	0.3												
1000	1.0												
10000	3.0												
ELISA Detection	1:1000-1:10000	Mouse TNFRSF9 Detection Antibody (Biotin)											

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

Background

CD137 is a 39 kD TNF-receptor superfamily member also known as 4-1BB, TNFRSF9, Ly-63, and ILA (Induced by Lymphocyte Activation). CD137 is expressed as monomers, dimers, and tetramers on activated T and B cells. Interaction of CD137 with its ligand, 4-1BBL (CD137L), is important in T-B cell costimulation.