Human TNFRSF9 Antibody Pair Set

Catalog No. E-KAB-0412 **Applications** ELISA

Synonyms 4-1BB;CD137;CDw137;ILA;Induced By Lymphocyte Activation;T-cell antigen 4-1BB homolog

Kit components & Storage

Title	Specifications	Storage
Human TNFRSF9 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human TNFRSF9 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

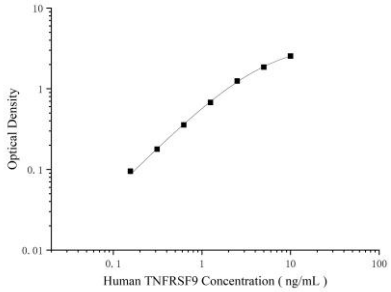
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0412)	
		Human TNFRSF9 Capture Antibody	Human TNFRSF9 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human TNFRSF9 protien	Recombinant Human TNFRSF9 protien
	Swissprot	Q07011	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	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 TNFRSF9 in ELISAs.	

Applications

Human TNFRSF9 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human TNFRSF9 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human TNFRSF9 Detection Antibody (Biotin)	

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

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion , survival , and development of T cells. It can also induce proliferation in peripheral monocytes , enhance T cell apoptosis induced by TCR/CD3 triggered activation , and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.