

Mouse BAFF/CD257 Antibody Pair Set

Catalog No.	E-KAB-0594	Applications	ELISA
Synonyms	TNFSF13B;BLYS;TALL1;THANK;TNFSF20;ZTNF4		

Kit components & Storage

Title	Specifications	Storage
Mouse BAFF/CD257 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse BAFF/CD257 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.

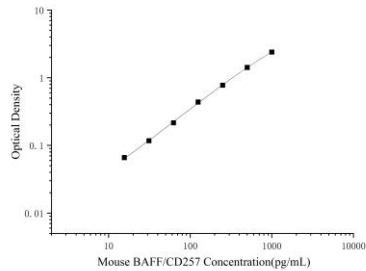
Product Information

Items		Characteristic (E-KAB-0594)	
		Mouse BAFF/CD257 Capture Antibody	Mouse BAFF/CD257 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse BAFF/CD257 protien	Recombinant Mouse BAFF/CD257 protien
	Swissprot	Q9WU72	
Product details	Reactivity	Mouse	Mouse
	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 Mouse BAFF/CD257 in ELISAs.	

For Research Use Only

Applications

Mouse BAFF/CD257 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Mouse BAFF/CD257 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse BAFF/CD257 Detection Antibody (Biotin)	

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

Background

B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE) . Also , some SLE patients have increased levels of BAFF in serum. Therefore , it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival.

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