Human TNFRSF1B Antibody Pair Set

Catalog No. E-KAB-0226 **Applications** ELISA

Synonyms TNFR2, CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR80, p75, p75TNFR

Kit components & Storage

Title	Specifications	Storage
Human TNFRSF1B Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Human TNFRSF1B Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

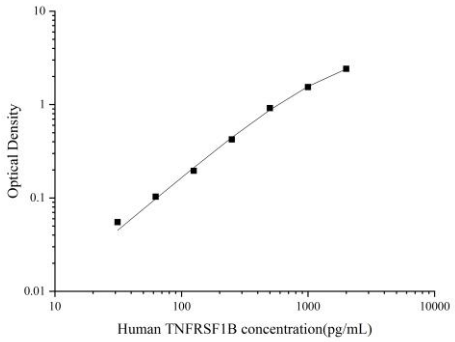
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0226)	
		Human TNFRSF1B Capture Antibody	Human TNFRSF1B Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human TNFRSF1B protein	Recombinant Human TNFRSF1B protein
	Swissprot	P20333	
Product details	Reactivity	Human	Human
	Host	Mouse	Goat
	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	Protein A or G	Antigen Affinity
	Specificity	Detects Human TNFRSF1B in ELISAs.	

Applications

Human TNFRSF1B Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Human TNFRSF1B Capture Antibody	
ELISA Detection	1:1000-1:10000	Human TNFRSF1B 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 protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.