Human FAPα Antibody Pair Set

Catalog No. E-KAB-0425 **Applications** ELISA
Synonyms FAP;DPPIV;FAPA;SIMP;fibroblast activation protein alpha;FAPalpha

Kit components & Storage

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

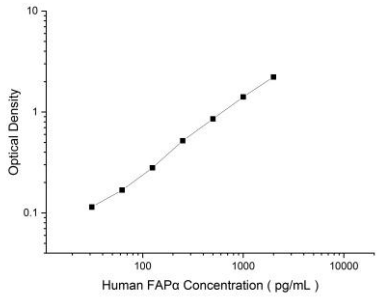
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0425)	
		Human FAPα Capture Antibody	Human FAPα Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human FAPα protien	Recombinant Human FAPα protien
	Swissprot	Q12884	
Product details	Reactivity	Human	Human
	Host	Mouse	Sheep
	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	Protein A or G	Antigen Affinity
	Specificity	Detects Human FAPα in ELISAs.	

Applications

Human FAPα Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human FAPα Capture Antibody	
ELISA Detection	1:1000-1:10000	Human FAPα 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 homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers , granulation tissue of healing wounds , and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development , tissue repair , and epithelial carcinogenesis.