Monkey FE Antibody Pair Set

Catalog No. E-KAB-0654 **Applications** ELISA
Synonyms FE

Kit components & Storage

Title	Specifications	Storage
Monkey FE Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Monkey FE 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-0654)	
		Monkey FE Capture Antibody	Monkey FE Detection Antibody (Biotin)
Immunogen Information	Immunogen	Native Protein	Native Protein
	Swissprot	Q4R741	
Product details	Reactivity	Monkey	Monkey
	Host	Rabbit	Rabbit
	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 Monkey FE in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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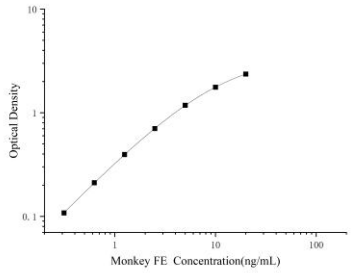
Applications

Monkey FE Sandwich ELISA Assay

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

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

Background

FTH (Ferritin Heavy Chain 1;also Proliferation-Inducing Protein 15;PIG15;and PLIF) is a 183 aa cytosolic and secreted protein.Human FTH is highly conserved among species and shares 93% and 95% aa identity with mouse and rat FTH;respectively. Stores iron in a soluble;non-toxic;readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney.

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