Monkey CTSL Antibody Pair Set

Catalog No. E-KAB-0659 **Applications** ELISA
Synonyms CTSL1;CATL;MEP

Kit components & Storage

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

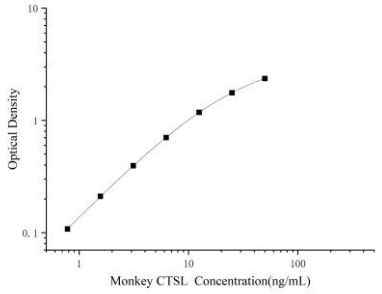
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0659)	
		Monkey CTSL Capture Antibody	Monkey CTSL Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Monkey CTSL protein	Recombinant Monkey CTSL protein
	Swissprot	/	
Product details	Reactivity	Monkey	Monkey
	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 Monkey CTSL in ELISAs.	

Applications

Monkey CTSL Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Monkey CTSL Capture Antibody	
ELISA Detection	1:1000-1:10000	Monkey CTSL 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 lysosomal cysteine proteinase that plays a major role in intracellular protein catabolism. Its substrates include collagen and elastin , as well as alpha-1 protease inhibitor , a major controlling element of neutrophil elastase activity. The encoded protein has been implicated in several pathologic processes , including myofibril necrosis in myopathies and in myocardial ischemia , and in the renal tubular response to proteinuria. This protein , which is a member of the peptidase C1 family , is a dimer composed of disulfide-linked heavy and light chains , both produced from a single protein precursor. Multiple alternatively spliced transcript variants have been found for this gene.