Monkey CTSB Antibody Pair Set

Catalog No. E-KAB-0665 **Applications** ELISA
Synonyms APPS;CPSB

Kit components & Storage

Title	Specifications	Storage
Monkey CTSB Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Monkey CTSB 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-0665)	
		Monkey CTSB Capture Antibody	Monkey CTSB Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Monkey CTSB protein	Recombinant Monkey CTSB protein
	Swissprot	Q4R5M2	
Product details	Reactivity	Monkey	Monkey
	Host	Mouse	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	Protein A or G	Antigen Affinity
	Specificity	Detects Monkey CTSB in ELISAs.	

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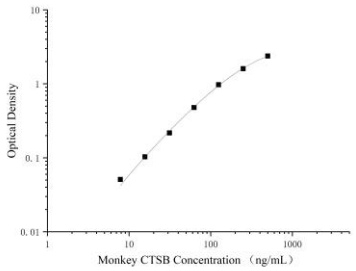
Applications

Monkey CTSB Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Monkey CTSB Capture Antibody	
ELISA Detection	1:1000-1:10000	Monkey CTSB 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 composed of a dimer of disulfide-linked heavy and light chains , both produced from a single protein precursor. It is also known as amyloid precursor protein secretase and is involved in the proteolytic processing of amyloid precursor protein (APP) . Incomplete proteolytic processing of APP has been suggested to be a causative factor in Alzheimer disease , the most common cause of dementia. Overexpression of the encoded protein , which is a member of the peptidase C1 family , has been associated with esophageal adenocarcinoma and other tumors. At least five transcript variants encoding the same protein have been found for this gene.

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