

Mouse CTSL Antibody Pair Set

Catalog No.	E-KAB-0584	Applications	ELISA
Synonyms	CTSL1;CATL;MEP		

Kit components & Storage

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

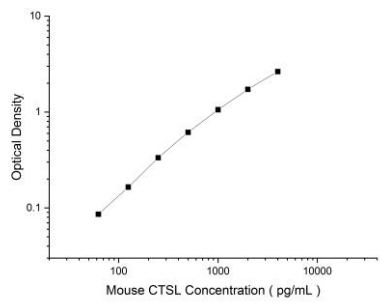
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0584)	
		Mouse CTSL Capture Antibody	Mouse CTSL Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse CTSL protien	Recombinant Mouse CTSL protien
	Swissprot	P06797	
Product details	Reactivity	Mouse	Mouse
	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 Mouse CTSL in ELISAs.	

Applications

Mouse CTSL Sandwich ELISA Assay:

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

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

Background

Thiol protease important for the overall degradation of proteins in lysosomes (Probable) . Involved in the solubilization of cross-linked TG/thyroglobulin and in the subsequent release of thyroid hormone thyroxine (T4) by limited proteolysis of TG/thyroglobulin in the thyroid follicle lumen. In neuroendocrine chromaffin cells secretory vesicles , catalyzes the prohormone proenkephalin processing to the active enkephalin peptide neurotransmitter. In thymus , regulates CD4+ T cell positive selection by generating the major histocompatibility complex class II (MHCII) bound peptide ligands presented by cortical thymic epithelial cells .