



Rabbit Anti-Human CST6 monoclonal antibody, clone S133 (CABT-ZB518)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human CST6
Target	CST6
Immunogen	Recombinant Human Cystatin E/CST6 Protein
Isotype	IgG2b
Source/Host	Rabbit
Species Reactivity	Human
Clone	S133
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB518 - CABT-ZB888 This antibody will detect CST6 in antibody pair set. [ABPR-ZB094]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Cystatin E / CST6.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Cystatin E/M, also referred to as CST6, is a member of type 2 cysteine proteinase inhibitors of the cystatin superfamily, and inhibits papain and cathepsin B. Cystatin E is a low molecular mass secreted protein existing in both a glycosylated (17 kDa) and an unglycosylated (14 kDa) form, with two characteristic intrachain disulfide bridges. Expression of cystatin M/E is found to be restricted to the epidermis, more specifically in the stratum granulosum, sweat glands, sebaceous glands, and the hair follicles. In addition to its function as a cysteine protease inhibitor, cystatin M/E also serves as a target for cross-linking by transglutaminases. Accordingly, cystatin M/E was suggested to be involved in barrier formation and maintenance. Furthermore, studies have revealed that cystatin M/E is frequently epigenetically inactivated during breast carcinogenesis, and thus be regarded as a candidate of tumour suppressor gene.
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Keywords	CST6; cystatin E/M; cystatin-M; cystatin 6
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GENE INFORMATION

Synonyms	CST6; cystatin E/M; cystatin-M; cystatin 6; cystatin M; cystatin-6; cystatin-E; cystatin M/E; cysteine proteinase inhibitor
Entrez Gene ID	1474
UniProt ID	Q15828