

Mouse anti-Human CST3 Antibody | anti-CST3 antibody

CST3 Antibody

CATALOG # AAA108713	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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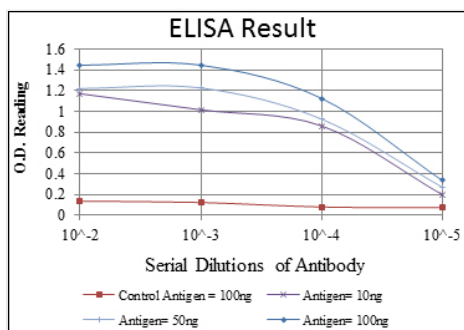
PRODUCT SYNONYMS

CST3; CST3 Antibody; ARMD11; MGC117328; anti-CST3 antibody

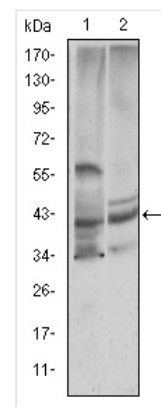
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5H2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	146
Applicable Applications for anti-CST3 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of human CST3 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



Application Data



WB (Western Blot)

Figure 1: Western blot analysis using CST3 mouse mAb against HeLa (1) and Caco-2 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CST3 antibody	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the body. A mutation in this gene has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease. (provided by RefSeq)Tissue specificity: Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in various body fluids, such as the cerebrospinal fluid and plasma. Expressed in highest levels in the epididymis, vas deferens, brain, thymus, and ovary and the lowest in the submandibular gland.
Product Categories/Family for anti-CST3 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503107
NCBI GeneID	1471
NCBI Accession #	NP_000090.1
NCBI GenBank Nucleotide #	NM_000099.3
UniProt Accession #	P01034 ; Q6FGW9 ; B2R5J9 ; D3DW42
Molecular Weight	42kDa
NCBI Official Full Name	cystatin-C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	CST3
NCBI Official Synonym Symbols	ARMD11; HEL-S-2
NCBI Protein Information	cystatin-C
UniProt Protein Name	Cystatin-C
UniProt Gene Name	CST3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/cst3/108713>