

Mouse anti-Human Cystatin C Monoclonal Antibody | anti-CST3 antibody

Cystatin C Monoclonal Antibody

CATALOG # AAA308394	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Cystatin C; Monoclonal Antibody; Cystatin C Monoclonal Antibody; CysC; Cystatin-3; Gamma-trace; Neuroendocrine basic polypeptide; Post-gamma-globulin; anti-CST3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Specific for human Cystatin C denatured and native forms
Purity/Purification	Protein G Purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	146
Applicable Applications for anti-CST3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human Cystatin C protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human prostate tissue using at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-CST3 antibody	Defects in CST3 are the cause of amyloidosis type 6 (AMYL6) [MIM:105150]; also known as hereditary cerebral hemorrhage with amyloidosis (HCHWA), cerebral amyloid angiopathy (CAA) or cerebroarterial amyloidosis Icelandic type. AMYL6 is a hereditary generalized amyloidosis due to cystatin C amyloid deposition. Cystatin C amyloid accumulates in the walls of arteries, arterioles, and sometimes capillaries and veins of the brain, and in various organs including lymphoid tissue, spleen, salivary glands, and seminal vesicles. Amyloid deposition in the cerebral vessels results in cerebral amyloid angiopathy, cerebral hemorrhage and premature stroke. Cystatin C levels in the cerebrospinal fluid are abnormally low.Genetic variations in CST3 are associated with age-related macular degeneration type 11 (ARMD11) [MIM:611953]. ARMD is a multifactorial eye disease and the most common cause of irreversible vision loss in the developed world. In most patients, the disease is manifest as ophthalmoscopically visible yellowish accumulations of protein and lipid that lie beneath the retinal pigment epithelium and within an elastin-containing structure known as Bruch membrane.
Product Categories/Family for anti-CST3 antibody	Total protein Ab

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	15,799 Da
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
UniProt Entry Name	CYTC_HUMAN

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/monoclonal/cystatin-c-antibody-immunohistochemistry-elisa/308394>