

CST3 monoclonal antibody, clone Cyst10

Catalog # MAB0424

Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against native CST3.
Immunogen	Native purified human CST3.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG3
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Sandwich ELISA

Gene Info — CST3

Entrez GeneID [1471](#)

Gene Name CST3

Gene Alias	ARMD11, MGC117328
Gene Description	cystatin C
Omim ID	105150 604312
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000030440 OTTHUMP00000164181 OTTHUMP00000164182 bA218C14.4 (cystatin C) cystatin 3 cystatin C (amyloid angiopathy and cerebral hemorrhage) gamma-trace neuroendocrine basic polypeptide post-gamma-globulin

Disease

- [Albuminuria](#)
- [Alzheimer disease](#)
- [Amnesia](#)
- [Amyloidosis](#)
- [Amyotrophic lateral sclerosis](#)
- [Angina](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)

- [Frontotemporal Lobar Degeneration](#)
- [Genetic Predisposition to Disease](#)
- [Lewy Body Disease](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Oral Submucous Fibrosis](#)
- [Osteoporosis](#)
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- [Precancerous Conditions](#)
- [Psychiatric Status Rating Scales](#)