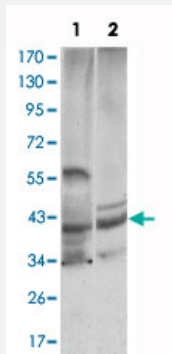


CST3 monoclonal antibody, clone 5H2

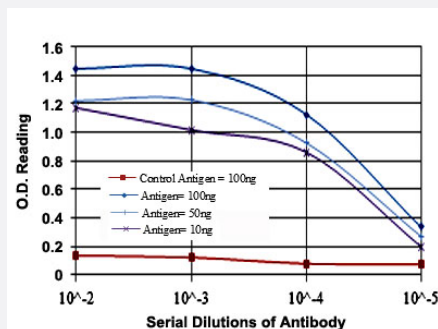
Catalog # MAB10618 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis using CST3 monoclonal antibody, clone 5H2 (Cat # MAB10618) against HeLa (1) and Caco-2 (2) cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA measurement of CST3 monoclonal antibody, clone 5H2 (Cat # MAB10618) .

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CST3.
Immunogen	Recombinant protein corresponding to human CST3.
Host	Mouse
Theoretical MW (kDa)	42
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis using CST3 monoclonal antibody, clone 5H2 (Cat # MAB10618) against HeLa (1) and Caco-2 (2) cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA measurement of CST3 monoclonal antibody, clone 5H2 (Cat # MAB10618) .

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](#)
- [Parkinson Disease](#)
- [Precancerous Conditions](#)
- [Psychiatric Status Rating Scales](#)