



Anti-CST3 monoclonal antibody, clone Cyst24 (CABT-47549MH)

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

PRODUCT INFORMATION

Product Overview Mouse anti human Cystatin C antibody, clone Cyst24 detects human Cystatin C, a member of the type 2 cystatin superfamily. Cystatin C is a potent inhibitor of cysteine proteinases, both endogenous (lysosomal cathepsins), and pathogenic. Cystatin C is a 13kDa secreted protein which is found in high concentrations in biological fluids and is thought to be expressed by all human nucleated cells. Changes in Cystatin C have been documented in a number of cardiovascular diseases, including atherosclerosis, amyloid angiopathy and myocardial infarction. Its low molecular weight also means that Cystatin C can be used as a marker of renal failure.

Specificity	CST3
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Cyst24
Conjugate	Unconjugated
Applications	ELISA; IA
Format	Purified IgG - liquid
Size	200 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CST3 cystatin C [Homo sapiens (human)]
Official Symbol	CST3
Synonyms	CST3; cystatin C; ARMD11; cystatin-C; cystatin 3; cystatin-3; gamma-trace; post-gamma-globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide;
Entrez Gene ID	1471
Protein Refseq	NP_000090
UniProt ID	P01034
Chromosome Location	20p11.21
Pathway	Amyloids; Disease; Integrated Pancreatic Cancer Pathway; Salivary secretion;
Function	beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; endopeptidase inhibitor activity; protease binding; protein binding;
