



# Anti-CST3 monoclonal antibody, clone Cyst10 (CABT-47551MH)

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

## PRODUCT INFORMATION

**Product Overview** This product 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.

<b>Specificity</b>	CST3
<b>Isotype</b>	IgG3
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Cyst10
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	200 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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	<a href="#">CST3 cystatin C [ Homo sapiens (human) ]</a>
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	<a href="#">1471</a>
Protein Refseq	<a href="#">NP_000090</a>
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;