

Product datasheet for **AM01345PU-N**

Cystatin C (CST3) Mouse Monoclonal Antibody [Clone ID: Cyst24]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Cyst24
Applications:	ELISA
Recommended Dilution:	ELISA. Immunoassay.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.
Specificity:	This antibody detects Cystatin C, a member of the type 2 cystatin superfamily.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cystatin C
Database Link:	Entrez Gene 1471 Human P01034



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Background:

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.

Synonyms:

Cystatin C, Cystatin-3, CST3