

Product datasheet for **TA346927**

Cystatin C (CST3) Mouse Monoclonal Antibody [Clone ID: 7F6-A5-F3]

Product data:

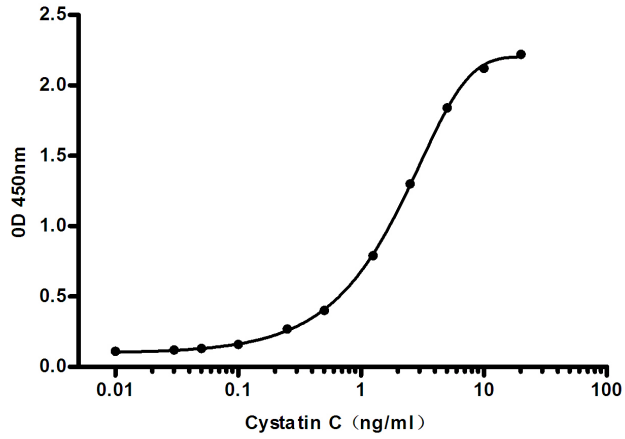
Product Type:	Primary Antibodies
Clone Name:	7F6-A5-F3
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for CYC antibody: Recombinant human cystatin c protein.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	13 kDa
Gene Name:	cystatin C
Database Link:	NP_000090 Entrez Gene 1471 Human P01034
Background:	Cystatin C or cystatin 3 (formerly gamma trace,post-gamma-globulin or neuroendocrine basic polypeptide),[2] a protein encoded by the CST3 gene,is mainly used as a biomarker of kidney function.Recently,it has been studied for its role in predicting new-onset or deteriorating cardiovascular disease.It also seems to play a role in brain disorders involving amyloid (a specific type of protein deposition),such as Alzheimer's disease.In humans, all cells with a nucleus (cell core containing the DNA) produce cystatin C as a chain of 120 amino acids.It is found in virtually all tissues and body fluids.It is a potent inhibitor of lysosomal proteinases (enzymes from a special subunit of the cell that break down proteins) and probably one of the most important extracellular inhibitors of cysteine proteases (it prevents the breakdown of proteins outside the cell by a specific type of protein degrading enzymes).Cystatin C belongs to the type 2 cystatin gene family.
Synonyms:	ARMD11; HEL-S-2



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Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Product images:



Standard Curve for Human Cystatin C: Capture Antibody mouse mAb [6F12C7D8] to Human Cystatin C at 4ug/ml and Detector Antibody mouse mAb [7F6A5F3] to Human Cystatin C at 0.5ug/ml.