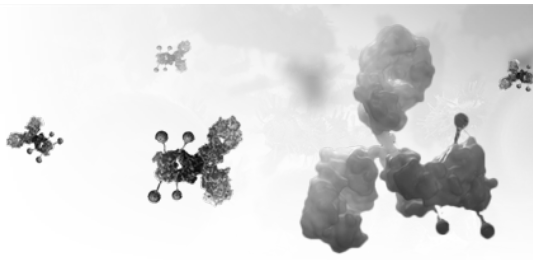

Anti-CST3 monoclonal antibody, clone Cyst-29 (DMAB1749MH)

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

PRODUCT INFORMATION

Antigen Description	Cystatin C or cystatin 3(formerly gamma trace, post-gamma-globulin or neuroendocrine basic polypeptide),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.
Specificity	Cystatin C
Immunogen	Cystatin C purified from human urine
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Cyst-29
Purification	>90% pure. Protein A chromatography.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Suggested pair for testing (Capture - Detection): DMAB1743MH - DMAB1749MH
Format	Purified, Liquid
Concentration	2.9mg/ml (Sigma protein assay kit)

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Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	CST3 cystatin C [Homosapiens]
Official Symbol	CST3
Synonyms	OC; BGP; BGLAP; cystatin-C; cystatin 3; cystatin-3; gamma-trace; OTTHUMP00000030440; OTTHUMP00- 000164181; OTTHUMP00000164182; post-gamma- globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide
Entrez Gene ID	1471
Protein Refseq	NP_000090
UniProt ID	P01034
Chromosome Location	20p11.2
Pathway	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem
Function	beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; peptidase inhibitor activity; protease binding

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