



Anti-CST3 monoclonal antibody, clone Dyst12 (DMAB1549MH)

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

PRODUCT INFORMATION

Product Overview	MAb to Cystatin C Monoclonal Antibody to Human Cystatin C
Antigen Description	<u>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.</u>
Specificity	Human Cystatin C. Crossreacts with dog
Immunogen	Cystatin C purified from human urine
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Dyst12
Purification	>90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.4

Preservative	0.1% Sodium Azide
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Storage	Store at 2-8°C.
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GENE INFORMATION

Gene Name	CST3 cystatin C [Homosapiens]
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Official Symbol	CST3
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Synonyms	Cystatin-C; cystatin 3; gamma-trace; OTTHUMP00000030440; OTTHUMP00000164181; OTTHUMP00000164182; post-gamma-globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide; ARMD11; MGC117328; CST3; cystatin C (amyloid angiopathy and cerebral hemorrhage)
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Entrez Gene ID	1471
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Protein Refseq	NP_000090
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UniProt ID	P01034
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Chromosome Location	20p11.21
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Pathway	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem
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Function	Beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; peptidase inhibitor activity; protease binding
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