



Anti-CST3 monoclonal antibody, clone Dyst-24 (DMAB1689MH)

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	Defects in CST3 are the cause of amyloidosis type 6 (AMYL6); also known as hereditary cerebral hemorrhage with amyloidosis (HCHWA), cerebral amyloid angiopathy (CAA) or cerebroarterial amyloidosis Icelandic type.
Specificity	Cystatin C
Immunogen	human Cystatin C
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Dyst-24
Affinity Constant	Not determined
Purification	>90% pure (SDS-PAGE). 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. Recommended pairs for sandwich immunoassay: Capture Detection DMAB1689MH DMAB1748MH DMAB1689MH DMAB1686MH

Format	Purified, Liquid
Concentration	3.5mg/ml (Sigma protein assay kit)
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 [Homo sapiens]
Official Symbol	CTS3
Synonyms	Neuroendocrine basic polypeptide; cystatin C (amyloid angiopathy and cerebral hemorrhage); cystatin-C; cystatin 3; Cystatin-3; Gamma-trace; Post-gamma-globulin; cystatin C; ARMD11; MGC117328; CST3; cystatin-3; gamma-trace; OTTHUMP00000030440; OTTHUMP00000164181; OTTHUMP00000164182; post-gamma-globulin; bA218C14.4 (cystatin C)
Entrez Gene ID	1471
Protein Refseq	NP_000090
UniProt ID	P01034
Chromosome Location	20p11.21
Pathway	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem
Function	beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; peptidase inhibitor activity; protease binding