



Mouse Anti-Cystatin C monoclonal antibody, clone Dyst-14 (DMAB1686MH)

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	No cross-reactivity against recombinant Cystatin D, F, S, SA, or SN
Target	Human Cystatin C
Immunogen	Human Cystatin C conjugated with BSA
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Dyst-14
Affinity Constant	Not determined
Purification	Affinity purified, Purity $\geq$ 95 %
Conjugate	Unconjugated
Applications	ELISA(Cap), ELISA(Det)
Format	Purified, Liquid

Concentration	3.5mg/ml (Sigma protein assay kit)
Size	1 mg
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
Preservative	0.095 % NaN ₃
Storage	Store at 2–8°C.

GENE INFORMATION

Gene Name	CST3 cystatin C [Homo sapiens]
Official Symbol	CST3
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