



# Anti-CST3 monoclonal antibody, clone Dyst-25 (DMAB1743MH)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Cystatin C
<b>Immunogen</b>	Cystatin C purified from human urine
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Dyst-25
<b>Purification</b>	>90% pure. Protein A chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>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. Centrifuge before opening to ensure complete recovery of vial contents.</p> <p>Recommended pairs for sandwich immunoassay:</p> <ul style="list-style-type: none"> <li>• <b>Capture</b> <a href="#">DMAB1743MH</a></li> </ul>

[DMAB1743MH](#)

[DMAB1743MH](#)

- **Detection**

[DMAB1746MH](#)

[DMAB1749MH](#)

[DMAB1748MH](#)

Suggested pair for testing (Capture - Detection): DMAB1743MH - [DMAB1748MH](#)

<b>Format</b>	Purified, Liquid
<b>Concentration</b>	3.1mg/ml (Sigma protein assay kit)
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CST3 cystatin C [ Homosapiens ]</a>
<b>Official Symbol</b>	CST3
<b>Synonyms</b>	OC; BGP; BGLAP; cystatin-C; cystatin 3; cystatin-3; gamma-trace; OTTHUMP00000030440; OTTHUMP00000164181; OTTHUMP00000164182; post-gamma-globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide
<b>Entrez Gene ID</b>	<a href="#">1471</a>
<b>Protein Refseq</b>	<a href="#">NP_000090</a>
<b>UniProt ID</b>	<a href="#">P01034</a>
<b>Chromosome Location</b>	20p11.2
<b>Pathway</b>	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem
<b>Function</b>	beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; peptidase inhibitor activity; protease binding