



# Mouse Anti-Human Cystatin C Monoclonal Antibody, clone 2I2C5 [Functional Grade] (CABT-Z737M)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Human Humanine Cystatin C protein
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2I2C5
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	Neut, ELISA
<b>Reconstitution</b>	Reconstitute at 1.0 mg/mL in sterile H <sub>2</sub> O before use.
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Sterile PBS. Endotoxin level <0.1 EU/µg.
<b>Preservative</b>	None
<b>Storage</b>	Lyophilized antibodies are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be

avoided with reconstituted products.

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**Ship** Wet ice

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## BACKGROUND

**Introduction** Cystatin C is a 13-kDa inhibitor of cysteine proteinases which is secreted by all cell types and is completely cleared from the organism through glomerular filtration, shown to be an early and sensitive biomarker of renal dysfunction. It is also used as an emerging biomarker in cardiovascular disease. Cystatin C is involved in a variety of inflammatory reactions. The concentration of serum cystatin C has also been shown to be unaltered in certain inflammatory conditions or other disorders of metabolism. The plasma level of serum cystatin C can be expressed as its level of generation from cells and diet and its subsequent elimination through the gut, liver, and kidneys.

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**Keywords** Neuroendocrine basic polypeptide;cystatin C (amyloid angiopathy and cerebral hemorrhage);cystatin-C;cystatin 3;Cystatin-3;Gamma-trace

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## GENE INFORMATION

**Gene Name** CST3

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**Entrez Gene ID** [1471](#)

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**UniProt ID** [P01034](#)

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