

# Cystatin C Monoclonal antibody

Catalog Number: 66355-1-Ig

## Basic Information

**Catalog Number:**

66355-1-Ig

**Size:**

150ul , Concentration: 1500 µg/ml by  
Bradford method using BSA as the  
standard;

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG24884

**GenBank Accession Number:**

BC013083

**GeneID (NCBI):**

1471

**UNIPROT ID:**

P01034

**Full Name:**

cystatin C

**Calculated MW:**

146 aa, 16 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

2E6F3

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human

## Background Information

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.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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