

For Research Use Only

Cystatin C Monoclonal antibody

Catalog Number: 66355-1-Ig



Basic Information

Catalog Number: 66355-1-Ig	GenBank Accession Number: BC013083	Purification Method: Protein A purification
Size: 150ul , Concentration: 1500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1471	CloneNo.: 2E6F3
Source: Mouse	Full Name: cystatin C	
Isotype: IgG2a	Calculated MW: 146 aa, 16 kDa	
Immunogen Catalog Number: AG24884		

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 W: ptglab.com

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Selected Validation Data