
Product Name: Cystatin C (7F6) Mouse Monoclonal Antibody**Catalog #: AMM03310**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| Purification | Affinity Purification |

Application

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|-------------------------|----------------------|
| Dilution Ratio | ELISA 1:5000-1:20000 |
| Molecular Weight | - |

Antigen Information

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|--------------------------|--|
| Gene Name | CST3 |
| Alternative Names | CST3; Cystatin-C; Cystatin-3; Gamma-trace; Neuroendocrine basic polypeptide; Post-gamma-globulin |
| Gene ID | 1471 |
| SwissProt ID | P01034 |
| Immunogen | Recombinant protein of human Cystatin C |

Background

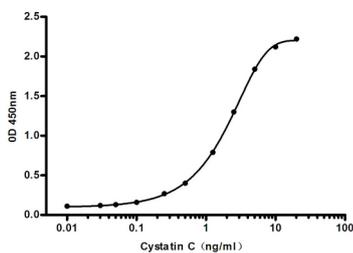
Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors. Most cell types secrete Cystatin C.

Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion. In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF- β 1 signaling.

Research Area

Tags & Cell Markers

Image Data



Standard Curve for Human Cystatin C: Capture Antibody mouse mAb [6F12C7D8] to Human Cystatin C at 4ug/ml and Detector Antibody mouse mAb [7F6A5F3] to Human Cystatin C at 0.5ug/ml.