

**Product Name: Cystatin C (3C8) Mouse Monoclonal Antibody**  
**Catalog #: AMM00889**

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## Summary

|                        |                                            |
|------------------------|--------------------------------------------|
| <b>Production Name</b> | Cystatin C (3C8) Mouse Monoclonal Antibody |
| <b>Description</b>     | Mouse Monoclonal Antibody                  |
| <b>Host</b>            | Mouse                                      |
| <b>Application</b>     | WB, ELISA                                  |
| <b>Reactivity</b>      | Human                                      |

## Performance

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                             |
| <b>Modification</b> | Unmodified                                                                               |
| <b>Isotype</b>      | IgG1                                                                                     |
| <b>Clonality</b>    | Monoclonal                                                                               |
| <b>Form</b>         | Liquid                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.          |
| <b>Purification</b> | Affinity Purification                                                                    |

## Immunogen

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | CST3                                                                                             |
| <b>Alternative Names</b> | CST3; Cystatin-C; Cystatin-3; Gamma-trace; Neuroendocrine basic polypeptide; Post-gamma-globulin |
| <b>Gene ID</b>           | 1471                                                                                             |
| <b>SwissProt ID</b>      | P01034.                                                                                          |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 ELISA: 1:10000            |
| <b>Molecular Weight</b> | Calculated MW: 16 kDa; Observed MW: 16 kDa |

## Background

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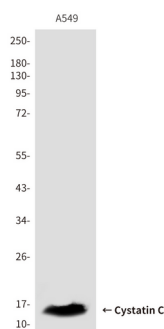


Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors. Most cell types secrete Cystatin C. Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion. In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF- $\beta$ 1 signaling.

## Research Area

Tags & Cell Markers

## Image Data



Western blot analysis of Cystatin C (3C8) in Hela, A549, HL-60, U2OS, C6 lysates using Cystatin C (3C8) antibody.

## Note

For research use only.