

# Product Datasheet

## Cystatin S Antibody (006) - Azide and BSA Free NBP2-89913-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89913-100ul**

Cystatin S Antibody (006) - Azide and BSA Free

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| Clonality           | Monoclonal                                                                                  |
| Clone               | 006                                                                                         |
| Preservative        | No Preservative                                                                             |
| Isotype             | IgG                                                                                         |
| Purity              | Protein A purified                                                                          |
| Buffer              | 0.2 um filtered solution in PBS                                                             |

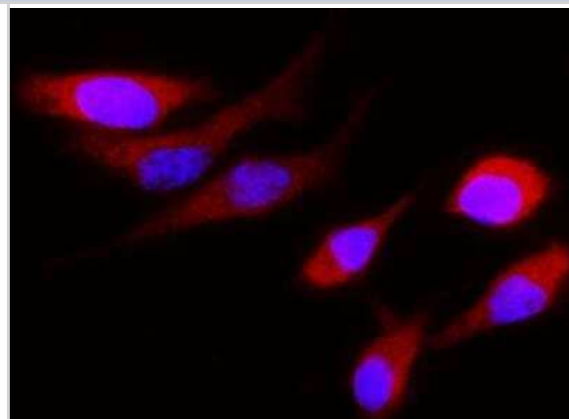
| Product Description |                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| Host                | Rabbit                                                                                                                                                                                                                      |
| Gene ID             | 1472                                                                                                                                                                                                                        |
| Gene Symbol         | CST4                                                                                                                                                                                                                        |
| Species             | Human                                                                                                                                                                                                                       |
| Immunogen           | This antibody was obtained from a rabbit immunized with purified, recombinant Human Cystatin S (Accession#: NP_001890.1; Met 1-Ala 141).                                                                                    |

| Product Application Details |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| Applications                | ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                                      |
| Recommended Dilutions       | Flow Cytometry 1:25-1:100, ELISA 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:20-1:100 |

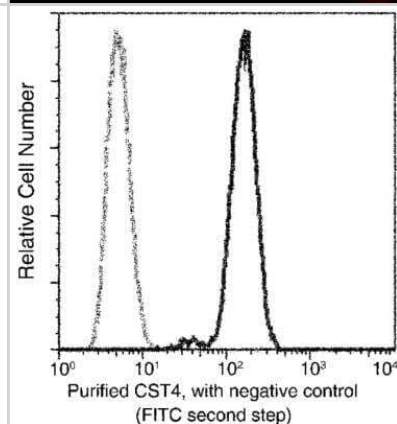


## Images

**Immunocytochemistry/Immunofluorescence: Cystatin S Antibody (006) [NBP2-89913]** - Staining of Human CST4 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CST4 monoclonal antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor(R) 594-conjugated goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



**Flow Cytometry: Cystatin S Antibody (006) [NBP2-89913]** - Analysis of Human CST4 expression on HeLa cells. The cells were treated, stained with purified anti-Human CST4, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.





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### **Products Related to NBP2-89913-100ul**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-33430PEP | Cystatin S Recombinant Protein Antigen              |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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