

# Product Datasheet

## Clusterin/APOJ Antibody (13) - Azide and BSA Free NBP2-89884-100ul

Unit Size: 100 ul

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

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### Publications: 1

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**NBP2-89884-100ul**

Clusterin/APOJ Antibody (13) - Azide and BSA Free

| <b>Product Information</b> |   |
|----------------------------|---|
| <b>Unit Size</b>           | 100 ul  |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| <b>Clonality</b>           | Monoclonal  |
| <b>Clone</b>               | 13  |
| <b>Preservative</b>        | No Preservative   |
| <b>Isotype</b>             | IgG   |
| <b>Purity</b>              | Protein A purified  |
| <b>Buffer</b>              | 0.2 um filtered solution in PBS   |

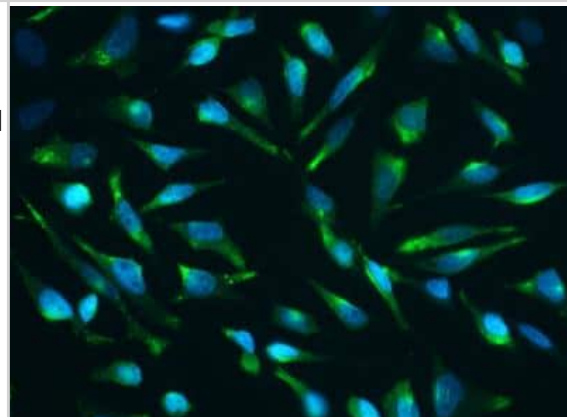
| <b>Product Description</b> |   |
|----------------------------|---|
| <b>Description</b>         | This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| <b>Host</b>                | Rabbit  |
| <b>Gene ID</b>             | 1191  |
| <b>Gene Symbol</b>         | CLU   |
| <b>Species</b>             | Human   |
| <b>Immunogen</b>           | This antibody was obtained from a rabbit immunized with purified, recombinant Human Clusterin/APOJ (Accession#: NP_001822.2; Met1-Glu501).  |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence                       |
| <b>Recommended Dilutions</b>       | Flow Cytometry 1:25-1:100, Immunocytochemistry/ Immunofluorescence 1:20-1:100 |

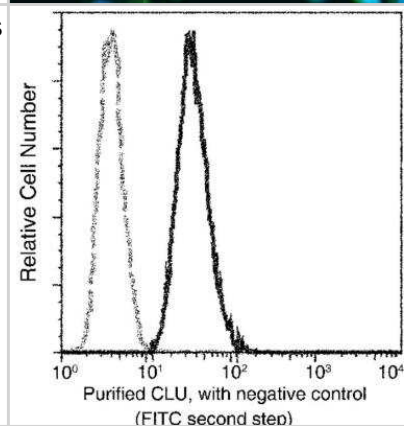


## Images

Immunocytochemistry/Immunofluorescence: Clusterin/APOJ Antibody (013) [NBP2-89884] - Staining of Human CLU in Hela cells. Cells were fixed with 4% PFA, permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with Rabbit anti-Human CLU monoclonal antibody (1:60) at 37c 1 hour. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm.



Flow Cytometry: Clusterin/APOJ Antibody (013) [NBP2-89884] - Analysis of Human CLU on A549 cells. Cells were treated, stained with purified anti-Human CLU, then a FITC-conjugated second step antibody. The histogram were derived from gated events with the forward and side light-scatter characteristics of intact cells.



## Publications

Schlotter F, de Freitas RCC, Rogers MA et al ApoC-III is a novel inducer of calcification in human aortic valves J Biol Chem Dec 18 2020 12:00AM [PMID: 33334888] (Flow, Human)

Details:

Citation using the Allophycocyanin version of this antibody.



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### **Products Related to NBP2-89884-100ul**

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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                          |
| NBP1-90128PEP | Clusterin/APOJ 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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