

Product Datasheet

Clusterin/APOJ Antibody (Hs-3) - BSA Free NB500-552-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-552-0.1mg

Clusterin/APOJ Antibody (Hs-3) - BSA Free

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Monoclonal |
| Clone | Hs-3 |
| Preservative | 15mM Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | Phosphate buffered saline (PBS), pH 7.4 |

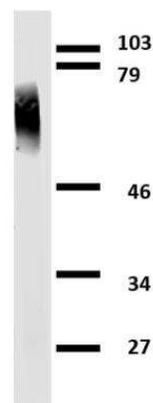
| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Mouse Clusterin/APOJ Antibody (Hs-3) - BSA Free (NB500-552) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Clusterin/APOJ Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 1191 |
| Gene Symbol | CLU |
| Species | Human, Bovine (Negative), Canine (Negative), Feline (Negative), Porcine (Negative) |
| Specificity/Sensitivity | Apolipoprotein J (Hs-3) |
| Immunogen | Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was dialyzed against 0.2% acetic acid and subsequently used for immunization. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1 ug/ml, Flow Cytometry, ELISA 1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml |
| Application Notes | Use in Flow reported in scientific literature (PMID:33176829) Predicted molecular weight: 60 kDa. |



Images

Western Blot: Clusterin/APOJ Antibody (Hs-3) [NB500-552] - Analysis of clusterin in human seminal plasma using anti-clusterin (Hs-3) purified.



Analysis of human clusterin using mouse monoclonal antibody Hs-3 on lysates of MCF-7 cell line and MOLT-4 cell line (clusterin non-expressing cell line; negative control) under non-reducing and reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of mouse anti-clusterin monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody. Clusterin was detected around 40 kDa.



Publications

Jayachandran M, Yuzhakov SV, Kumar S et al. Specific populations of urinary extracellular vesicles and proteins differentiate type 1 primary hyperoxaluria patients without and with nephrocalcinosis or kidney stones Orphanet J Rare Dis 2020-11-11 [PMID: 33176829] (FLOW, Human)

Details:

Antibodies through 0.2 µm filter and used in flow cytometer on cell-free human urine.



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Products Related to NB500-552-0.1mg

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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