

# Product Datasheet

## DRP1 Antibody (4A4C7) NBP2-37309

Unit Size: 0.1 ml

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

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**NBP2-37309****DRP1 Antibody (4A4C7)**

| <b>Product Information</b>     |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                                                                 |
| <b>Concentration</b>           | This product is unpurified. The exact concentration of antibody is not quantifiable.   |
| <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>                   | 4A4C7                                                                                  |
| <b>Preservative</b>            | 0.03% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG1                                                                                   |
| <b>Purity</b>                  | Unpurified                                                                             |
| <b>Buffer</b>                  | Ascites                                                                                |
| <b>Target Molecular Weight</b> | 81.9 kDa                                                                               |

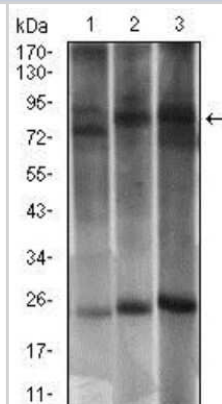
| <b>Product Description</b> |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Mouse DRP1 Antibody (4A4C7) (NBP2-37309) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                        |
| <b>Host</b>                | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>             | 10059                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>         | DNM1L                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>             | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity Notes</b>    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>           | Purified recombinant fragment of human DRP1 (AA: 69-213) expressed in E. Coli.                                                                                                                                                                                                                                                                  |

| <b>Product Application Details</b> |                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                                                     |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000 |

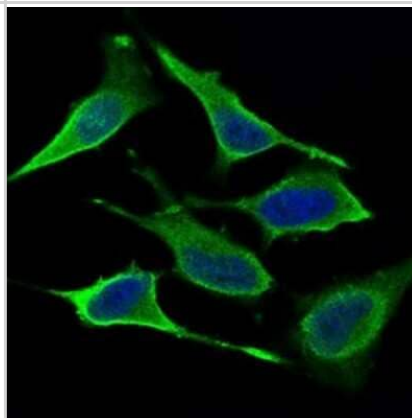


## Images

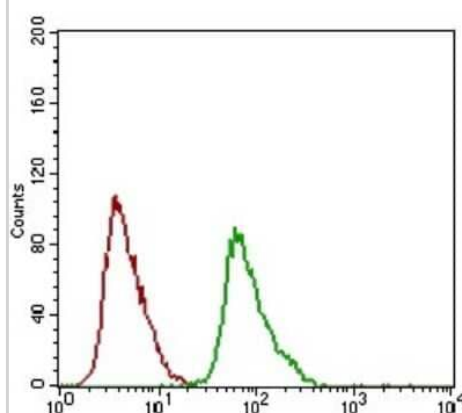
Western Blot: DRP1 Antibody (4A4C7) [NBP2-37309] - Analysis using DNM1L mouse mAb against PC-12 (1), LNCAP (2) and NIH/3T3 (3) cell lysate.



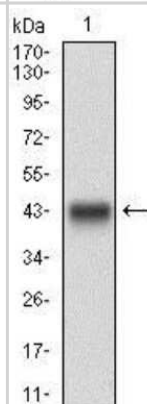
Immunocytochemistry/Immunofluorescence: DRP1 Antibody (4A4C7) [NBP2-37309] - Analysis of HeLa cells using DNM1L mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



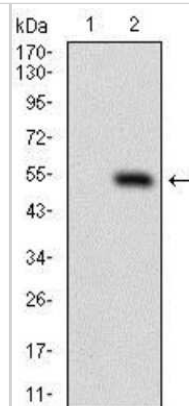
Flow Cytometry: DRP1 Antibody (4A4C7) [NBP2-37309] - Analysis of HEK293 cells using DNM1L mouse mAb (green) and negative control (red).



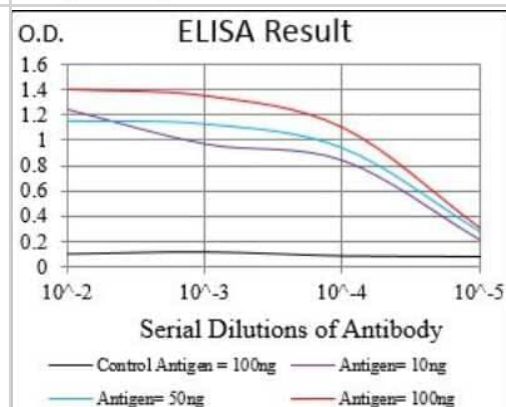
Western Blot: DRP1 Antibody (4A4C7) [NBP2-37309] - Analysis using DNM1L mAb against human DNM1L recombinant protein. (Expected MW is 41.8 kDa)



Western Blot: DRP1 Antibody (4A4C7) [NBP2-37309] - Analysis using DNM1L mAb against HEK293 (1) and DNM1L (AA: 69-213)-hlgGfc transfected HEK293 (2) cell lysate.



ELISA: DRP1 Antibody (4A4C7) [NBP2-37309] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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### **Products Related to NBP2-37309**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg   | Mouse IgG1 Isotype Control (MG1)                        |
| H00010059-P01-10ug | Recombinant Human DRP1 GST (N-Term) Protein             |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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