

# Product Datasheet

## NUP62 Antibody (2D3) - Azide and BSA Free H00023636-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00023636-M02**

NUP62 Antibody (2D3) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                                                 |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                                       |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                           |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                             |
| Clone                       | 2D3                                                                                                                                                                                                                                                                    |
| Preservative                | No Preservative                                                                                                                                                                                                                                                        |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                                            |
| Purity                      | IgG purified                                                                                                                                                                                                                                                           |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                        |
| Description                 | Novus Biologicals Mouse NUP62 Antibody (2D3) - Azide and BSA Free (H00023636-M02) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-NUP62 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse                                                                                                                                                                                                                                                                  |
| Gene ID                     | 23636                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | NUP62                                                                                                                                                                                                                                                                  |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | NUP62 - nucleoporin 62kDa                                                                                                                                                                                                                                              |
| Immunogen                   | NUP62 (NP_714941, 423 a.a. ~ 522 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>LQHADEEREKTYKLAENIDAQLKRMAQDLKDIEHLNTSGAPADTSDPLQQICKI<br>LNAHMDSLQWIDQNSALLQRKVEEVTKVCEGRRKEQERSFRITFD                                          |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                        |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA                                                                                                                                                                                           |
| Recommended Dilutions       | Western Blot 1:500, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Sandwich ELISA                                                                                                                                                             |
| Application Notes           | Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.                                                                                                                                   |

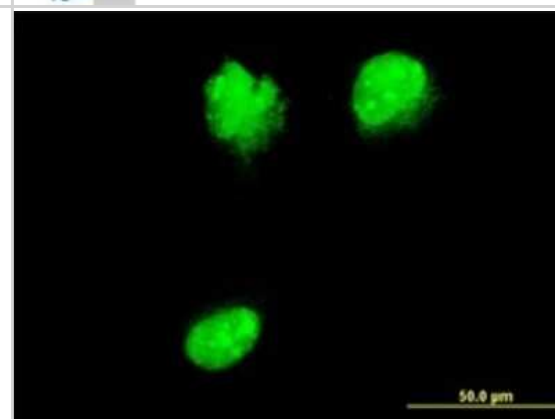


## Images

Western Blot: Nucleoporin p62 Antibody (2D3) [H00023636-M02] - NUP62 monoclonal antibody (M02), clone 2D3. Analysis of NUP62 expression in NIH/3T3.



Immunocytochemistry/Immunofluorescence: Nucleoporin p62 Antibody (2D3) [H00023636-M02] - Analysis of monoclonal antibody to NUP62 on HeLa cell. Antibody concentration 10 ug/ml.



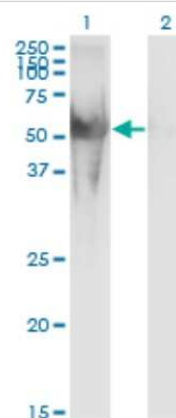
Western Blot: Nucleoporin p62 Antibody (2D3) [H00023636-M02] - NUP62 monoclonal antibody (M02), clone 2D3. Analysis of NUP62 expression in PC-12.



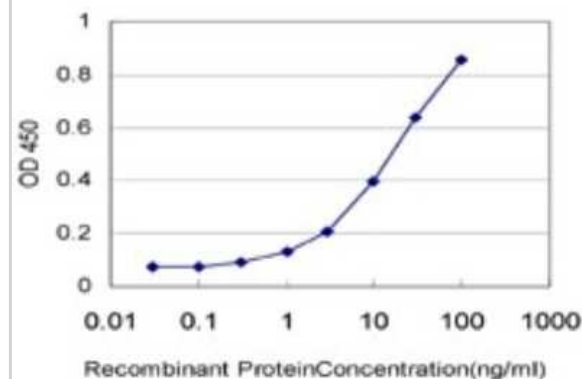
Western Blot: Nucleoporin p62 Antibody (2D3) [H00023636-M02] - NUP62 monoclonal antibody (M02), clone 2D3. Analysis of NUP62 expression in HeLa S3 NE.



Western Blot: Nucleoporin p62 Antibody (2D3) [H00023636-M02] - Analysis of NUP62 expression in transfected 293T cell line by NUP62 monoclonal antibody (M02), clone 2D3. Lane 1: NUP62 transfected lysate (Predicted MW: 53.3 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Nucleoporin p62 Antibody (2D3) [H00023636-M02] - Detection limit for recombinant GST tagged NUP62 is approximately 1ng/ml as a capture antibody.



## Publications

Rojo V, Zhang D, Wondrak G et al. Topical Bixin Confers NRF2-Dependent Protection Against Photodamage and Hair Graying in Mouse Skin. Front Pharmacol. 2018-03-27 [PMID: 29636694]



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### **Products Related to H00023636-M02**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg   | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)    |
| H00023636-P01-10ug | Recombinant Human NUP62 GST (N-Term) Protein            |

### **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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