

# Product Datasheet

## DOCK10 Antibody - BSA Free

### NB100-60669

Unit Size: 100 ul

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-60669](http://www.novusbio.com/NB100-60669)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-60669](http://www.novusbio.com/reviews/destination/NB100-60669)



**NB100-60669**

DOCK10 Antibody - BSA Free

**Product Information**

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Unit Size</b>               | 100 ul                                |
| <b>Concentration</b>           | 1.0 mg/ml                             |
| <b>Storage</b>                 | Store at 4C. Do not freeze.           |
| <b>Clonality</b>               | Polyclonal                            |
| <b>Preservative</b>            | 0.09% Sodium Azide                    |
| <b>Isotype</b>                 | IgG                                   |
| <b>Purity</b>                  | Immunogen affinity purified           |
| <b>Buffer</b>                  | Tris-Citrate/Phosphate (pH 7.0 - 8.0) |
| <b>Target Molecular Weight</b> | 249.5 kDa                             |

**Product Description**

|                         |                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Knockout (KO) Validated Rabbit DOCK10 Antibody - BSA Free (NB100-60669) is a polyclonal antibody validated for use in WB and IP. Anti-DOCK10 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit                                                                                                                                                                                                                                                               |
| <b>Gene ID</b>          | 55619                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>      | DOCK10                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human, Mouse                                                                                                                                                                                                                                                         |
| <b>Reactivity Notes</b> | Mouse reactivity reported in scientific literature (PMID: 25729399)                                                                                                                                                                                                  |
| <b>Immunogen</b>        | The immunogen recognized by this antibody maps to a region between residue 100 and 150 of human dedicator of cytokinesis 10 using the numbering given in entry NP_055504.2 (GeneID 55619).                                                                           |

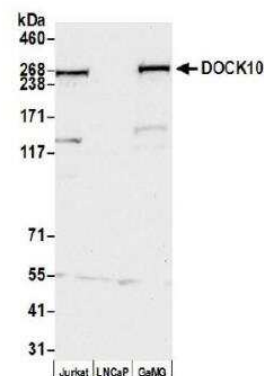
**Product Application Details**

|                              |                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunoprecipitation, Knockout Validated                                  |
| <b>Recommended Dilutions</b> | Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate, Knockout Validated |

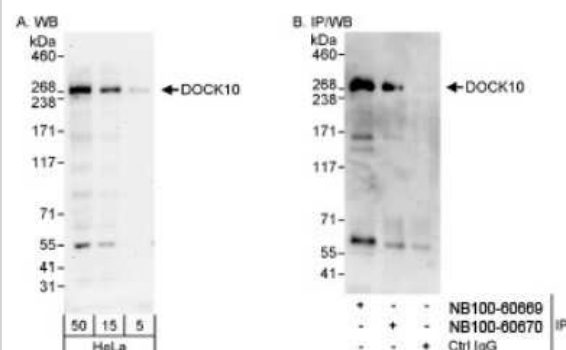


## Images

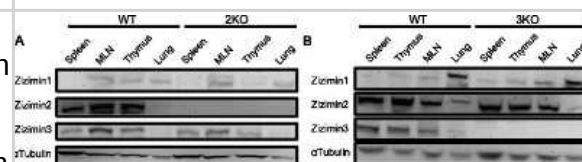
Western Blot: DOCK10 Antibody [NB100-60669] - Whole cell lysate (50 ug) from Jurkat, LNCaP, and GaMG cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DOCK10 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



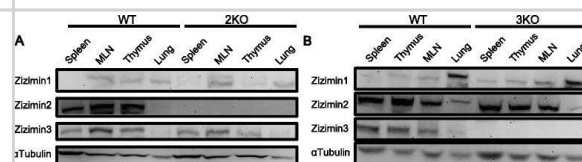
Western Blot: DOCK10 Antibody [NB100-60669] - Detection of Human DOCK10 on HeLa whole cell lysate using NB100-60670.



Western Blot: DOCK10 Antibody [NB100-60669] - Absence of Zizimin proteins, but normal numbers of hematopoietic cells in KO mice. Western blotting for Ziz2 (A) or Ziz3 (DOCK10) (B) Protein lysates (30 ug/lane) were loaded and designated antibodies were reacted with the membranes. Replicated membranes were used for all antibodies. Zizimin proteins were absent in KO mice (8 weeks old, male). Image collected and cropped by CiteAb from the following publication (<https://www.immunityageing.com/content/12/1/1>), licensed under a CC-BY license.



Western Blot: DOCK10 Antibody [NB100-60669] - Absence of Zizimin proteins, but normal numbers of hematopoietic cells in KO mice. (A-B) Western blotting for Ziz2 (A) or Ziz3 (B) Protein lysates (30 ug/lane) were loaded & designated antibodies were reacted with the membranes. Replicated membranes were used for all antibodies. Zizimin proteins were absent in KO mice (8 weeks old, male). (C-F) The numbers of hematopoietic cells were counted after the hemolytic reaction (C-E) or flow cytometric analysis (F). No significant difference was observed among the groups (C-F). Three mice (8 weeks old, female) per group from three independent experiments (one mouse per group per experiment) were used. 2KO: Ziz2 KO. 3KO: Ziz3 KO. Image collected & cropped by CiteAb from the following publication (<https://immunityageing.biomedcentral.com/articles/10.1186/s12979-015-0028-x>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Matsuda T, Yanase S, Takaoka A, Maruyama M. The immunosenescence-related gene Zizimin2 is associated with early bone marrow B cell development and marginal zone B cell formation Immun Ageing. 2015-03-02 [PMID: 25729399] (WB, Mouse)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-60669**

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-58637PEP | DOCK10 Recombinant Protein Antigen                  |

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-60669](http://www.novusbio.com/reviews/submit/NB100-60669)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

