

# Product Datasheet

## DOCK10 Antibody - BSA Free NB100-60669

Unit Size: 100 ul

Store at 4C. Do not freeze.

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### Publications: 1

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**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

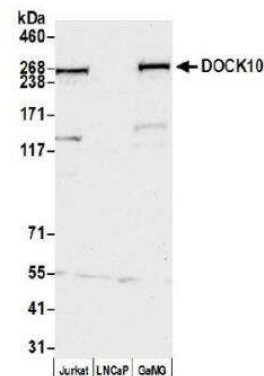
Product Description	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit DOCK10 Antibody - BSA Free (NB100-60669) is a polyclonal antibody validated for use in WB and IP. Anti-DOCK10 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<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

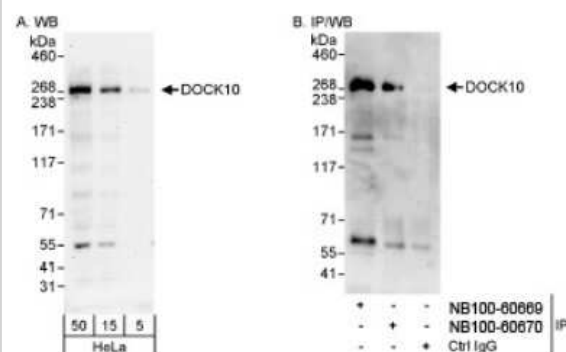


## Images

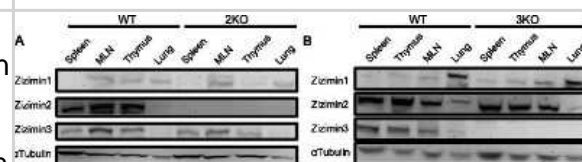
Western Blot: DOCK10 Antibody [NB100-60669] - Whole cell lysate (50 ug) from Jurkat, LNCaP, and GaMG cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DOCK10 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



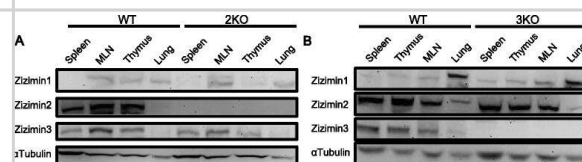
Western Blot: DOCK10 Antibody [NB100-60669] - Detection of Human DOCK10 on HeLa whole cell lysate using NB100-60670.



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)





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

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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