

# Product Datasheet

## LRRC32/GARP Antibody - BSA Free NBP2-24664

Unit Size: 0.1 mg

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

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**NBP2-24664**

LRRC32/GARP Antibody - BSA Free

**Product Information**

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 mg                                                                                 |
| <b>Concentration</b> | 1.0 mg/ml                                                                              |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Polyclonal                                                                             |
| <b>Preservative</b>  | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>       | IgG                                                                                    |
| <b>Purity</b>        | Protein A purified                                                                     |
| <b>Buffer</b>        | PBS                                                                                    |

**Product Description**

|                         |                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Rabbit LRRC32/GARP Antibody - BSA Free (NBP2-24664) is a polyclonal antibody validated for use in WB and Flow. Anti-LRRC32/GARP Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit                                                                                                                                                                                                                                                   |
| <b>Gene ID</b>          | 2615                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>      | LRRC32                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                        |
| <b>Reactivity Notes</b> | Rat reactivity reported in scientific literature (PMID: 31198639).                                                                                                                                                                                       |
| <b>Immunogen</b>        | A portion of amino acids 250-300 of human GARP/LRRC32 was used as the immunogen.                                                                                                                                                                         |

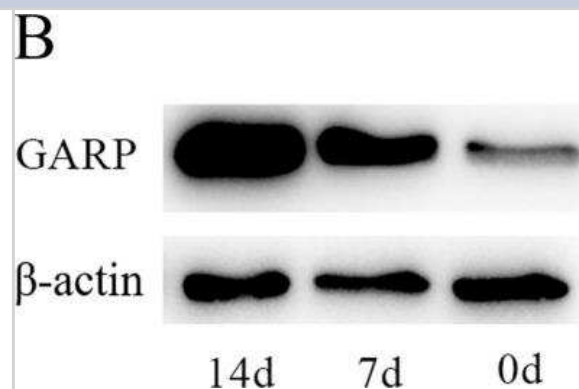
**Product Application Details**

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry                         |
| <b>Recommended Dilutions</b> | Western Blot 0.5-1.0 ug/ml, Flow Cytometry 1-3 ug/ml |

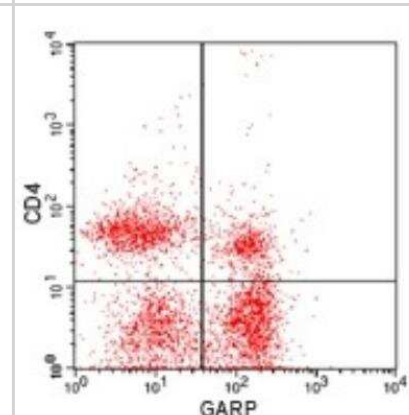


## Images

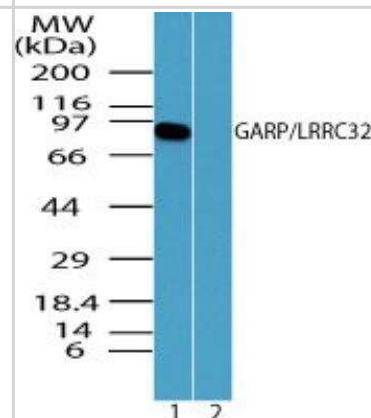
Western Blot: LRRC32/GARP Antibody [NBP2-24664] - Analysis of GARP protein expression; (t test, \*  $P < 0.05$ ). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31198639/>) licensed under a CC-BY license.



Flow Cytometry: LRRC32/GARP Antibody [NBP2-24664] - BALB/c splenocytes stained with anti-GARP (NBP2-24664), with a FITC conjugated secondary (20302), and anti-mouse CD4 PE (IMG-5922D). Viable cells in the lymphocyte gate were used for analysis. Novus's cell surface flow kit (10084K) was used for this test.



Western Blot: LRRC32/GARP Antibody [NBP2-24664] - Analysis of GARP/LRRC32 in mouse thymus lysate in the (1) absence and (2) presence of immunizing peptide using this antibody. 5 ug/ml. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



## Publications

Li R, Sun J, Yang F et al. Effect of GARP on osteogenic differentiation of bone marrow mesenchymal stem cells via the regulation of TGF beta 1 in vitro PeerJ 2019-05-23 [PMID: 31198639] (FLOW, Rat)

Macaulay IC, Thon JN, Tijssen MR et al. Canonical Wnt signaling in megakaryocytes regulates proplatelet formation. Blood. 2013-01-03 [PMID: 23160460] (WB, Human)

Details:

WB: Fig 3C (CHRF 288-11 human megakaryocytic cell line), GARP/LRRC3 was detected at 72 kDA.



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### **Products Related to NBP2-24664**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-68740PEP | LRRC32/GARP Recombinant Protein Antigen             |

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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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