

Product Datasheet

ERP44 Antibody NB100-93457

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-93457

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-93457



NB100-93457**ERP44 Antibody**

| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| Target Molecular Weight | 47 kDa |

| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Goat ERP44 Antibody (NB100-93457) is a polyclonal antibody validated for use in WB and ELISA. Anti-ERP44 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 23071 |
| Gene Symbol | ERP44 |
| Species | Human |
| Immunogen | Peptide with sequence C-EQKDSDNYRVFER corresponding to internal region according to NP_055866.1. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Peptide ELISA |
| Recommended Dilutions | Western Blot 0.2 - 0.6 ug/mL, Peptide ELISA Detection limit 1:32000 |
| Application Notes | WB: Approx. 47 kDa band observed in K562 lysates (calculated MW of 47.0 kDa band according to NP_055866.1). An additional band of unknown identity was also consistently observed at 22 kDa. This band was successfully blocked by incubation with the immunizing peptide. |

Images

Western Blot: ERP44 Antibody [NB100-93457] - Staining of K562 lysate with antibody at 0.2 ug/mL (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Anelli T, Ceppi S, Bergamelli L et al. Sequential steps and checkpoints in the early exocytic compartment during secretory IgM biogenesis. EMBO J 2007-10-03 [PMID: 17805346]





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 NB100-93457

| | |
|-----------------|--|
| NBL1-17471 | ERP44 Overexpression Lysate |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-93457

Earn gift cards/discounts by submitting a publication using this product:

www.novusbio.com/publications



