

Product Datasheet

DNA Polymerase epsilon catalytic subunit A Antibody (3C5.1) [Alexa Fluor® 488] **NB100-115AF488SS**

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-115AF488

Updated 6/23/2024 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/NB100-115AF488



NB100-115AF488SS

DNA Polymerase epsilon catalytic subunit A Antibody (3C5.1) [Alexa Fluor® 488]

Product Information

| | |
|----------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 3C5.1 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a |
| Conjugate | Alexa Fluor 488 |
| Purity | Protein G purified |
| Buffer | 50mM Sodium Borate |

Product Description

| | |
|--------------------------------|--|
| Host | Mouse |
| Gene ID | 5426 |
| Gene Symbol | POLE |
| Species | Human, Mouse, Mustelid, Primate, Drosophila (Negative) |
| Reactivity Notes | Mink samples. This antibody does not work on Drosophila or the baculovirus host cell, and weakly, if at all, on S. cerevisiae POLE. |
| Specificity/Sensitivity | This is specific to the human DNA pol epsilon and does not recognize DNA pol alpha, beta or delta. |
| Immunogen | Human DNA Polymerase epsilon purified from HeLa cells. |
| Notes | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

Product Application Details

| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin |

Application Notes

This DNA Polymerase epsilon (3C5.1) antibody can be used in Western blot, Immunocytochemistry/Immunofluorescence and Immunoprecipitation. In WB, it detects a single band of 220 kDa (in HeLa extracts) representing the catalytic subunit of DNA Polymerase epsilon. NB100-115 will immunoprecipitate, but only in the absence of salt and even then poorly. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.



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

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/NB100-115AF488

**Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications**

www.novusbio.com



technical@novusbio.com