

Product Datasheet

DNA Polymerase epsilon catalytic subunit A Antibody (3C5.1) [DyLight 550] NB100-115R-0.1ml

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/NB100-115R

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/NB100-115R



NB100-115R-0.1ml

DNA Polymerase epsilon catalytic subunit A Antibody (3C5.1) [DyLight 550]

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	DyLight 550
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	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
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/NB100-115R

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

