

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.

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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.



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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