

# Product Datasheet

## **DNA Polymerase epsilon catalytic subunit A Antibody (3C5.1) [DyLight 405] NB100-115V**

Unit Size: 0.05 ml

Store at 4C in the dark.

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**NB100-115V**

DNA Polymerase epsilon catalytic subunit A Antibody (3C5.1) [DyLight 405]

Product Information	
Unit Size	0.05 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 405
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	<p>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.</p> <p>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.</p>



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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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