

Product Datasheet

DNA Polymerase iota Antibody (8G9) H00011201-M01-50ug

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00011201-M01-50ug

DNA Polymerase iota Antibody (8G9)

Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8G9
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	IgG purified
Buffer	Phosphate buffered saline, pH 7.4
Product Description	
Host	Mouse
Gene ID	11201
Gene Symbol	POLI
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	POLI - polymerase (DNA directed) iota
Immunogen	POLI (AAH32662, 616 a.a. ~ 716 a.a) partial recombinant protein with GST tag.PQGFHFTNSNPVSAFHSFPNLQSEQLFSRNHTTDSHKQTVA TDSHEGLTENREPDSVDEKITFPSDIDPQVFYELPEAVQKEL LAEWKRAGSDFHIGHK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

Publications

Wang Y, Woodgate R, McManus TP et al. Evidence that in xeroderma pigmentosum variant cells, which lack DNA polymerase eta, DNA polymerase iota causes the very high frequency and unique spectrum of UV-induced mutations. Cancer Res. 2007-04-01 [PMID: 17409408]

Takezawa J, Ishimi Y, Aiba N, Yamada K. Rev1, Rev3, or Rev7 siRNA Abolishes Ultraviolet Light-Induced Translesion Replication in HeLa Cells: A Comprehensive Study Using Alkaline Sucrose Density Gradient Sedimentation. J Nucleic Acids. 2010-12-01 [PMID: 21151666]

Sekimoto T, Oda T, Kurashima K et al. Both High-fidelity Replicative and Low-fidelity Y-family Polymerases are Involved in DNA Rereplication. Mol Cell Biol. 2014-12-08 [PMID: 25487575]





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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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