

Product Datasheet

POLD4 Antibody (2B11) H00057804-M01A

Unit Size: 0.2 ml

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

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H00057804-M01A**POLD4 Antibody (2B11)****Product Information**

Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2B11
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Unpurified
Buffer	Ascites

Product Description

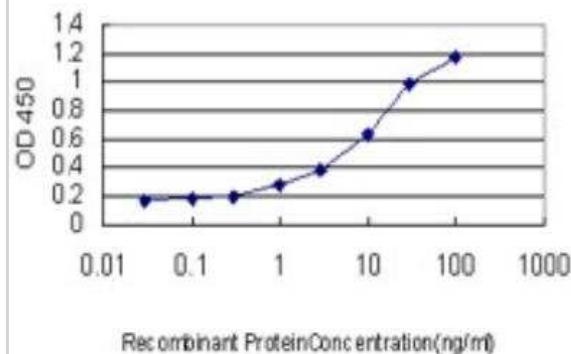
Host	Mouse
Gene ID	57804
Gene Symbol	POLD4
Species	Human
Specificity/Sensitivity	POLD4 (2B11)
Immunogen	POLD4 (AAH01334, 1 a.a. ~ 34 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGRKRLITDSYPVVKRREGPAGHSGELAPELGL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000
Application Notes	Antibody Reactive against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

Images

ELISA: POLD4 Antibody (2B11) [H00057804-M01A] - Detection limit for recombinant GST tagged POLD4 is approximately 0.3ng/ml as a capture antibody.



Publications

Zhang JM, Yadav T, Ouyang J et al. Alternative Lengthening of Telomeres through Two Distinct Break-Induced Replication Pathways. *Cell Rep* 2019-01-22 [PMID: 30673617] (Human)

Minocherhomji S, Ying S, Bjerregaard VA et al. Replication stress activates DNA repair synthesis in mitosis. *Nature* 2015-12-02 [PMID: 26633632]

Huang QM, Tomida S, Masuda Y et al. Regulation of DNA polymerase POLD4 influences genomic instability in lung cancer. *Cancer Res* 2010-11-01 [PMID: 20861182]

Zhang S, Zhou Y, Trusa S et al. A novel DNA damage response: Rapid degradation of the p12 subunit of DNA polymerase delta. *J Biol Chem*;282(21):15330-40. 2007-05-25 [PMID: 17317665]

Huang QM, Akashi T, Masuda Y et al. Roles of POLD4, smallest subunit of DNA polymerase delta, in nuclear structures and genomic stability of human cells. *Biochem Biophys Res Commun*. 2009-11-24 [PMID: 19931513]





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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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