

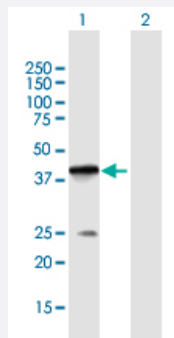
MaxPab®

POLB MaxPab mouse polyclonal antibody (B01)

Catalog # H00005423-B01

Size 50 uL

Applications

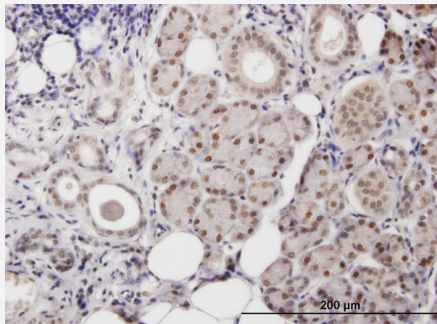


Western Blot (Transfected lysate)

Western Blot analysis of POLB expression in transfected 293T cell line ([H00005423-T01](#)) by POLB MaxPab polyclonal antibody.

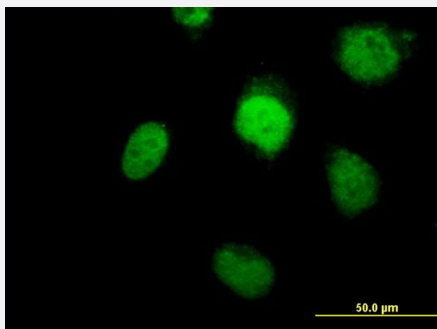
Lane 1: POLB transfected lysate(36.85 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to POLB on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to POLB on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human POLB protein.

Immunogen	POLB (AAI06910.1, 1 a.a. ~ 335 a.a) full-length human protein.
Sequence	MSKRKAPQETLNGGITDMLTELANFEKNVSQAIHKYNAYRKAASVIKYPHKIKSGAEAKKLPGVG TKIAEKIDFLATGKLRKLEKIRQDDTSSSINFLTRVSGIGPSAARKFVDEGIKTLEDLRKNEDKLNH HQRIGLKYGDFEKRIPREEMLMQDMLNEVKKVDSEYIATVCGSFRRGAESSGDMDVLLTHPSF TSESTKQPKLLHQVVEQLQKVHFITDLSKGETKFMGVCQLPSKNDEKEYPHRRIDIRLIPKDQYYC GVLYFTGSDIFNKNMRAHALEKGFTINEYTIRPLGVTGVAGEPLPVDSEKDIFDYIQWKYREPKDRS E
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to POLB on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — POLB

Entrez GeneID [5423](#)

GeneBank Accession#	BC106909.1
Protein Accession#	AAI06910.1
Gene Name	POLB
Gene Alias	MGC125976
Gene Description	polymerase (DNA directed), beta
Omim ID	174760
Gene Ontology	Hyperlink
Gene Summary	In eukaryotic cells, DNA polymerase beta (POLB) performs base excision repair (BER) required for DNA maintenance, replication, recombination, and drug resistance. Also see POLA (MIM 312040).[supplied by OMIM]
Other Designations	DNA pol beta DNA polymerase beta subunit

Pathway

- [Base excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenomyoma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Glioma](#)
- [Graft vs Host Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)