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POLA2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant POLA2.
Catalog # AT3366a

Specification

POLA2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IF, E**
Primary Accession	Q14181
Other Accession	BC001347
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**65948**

POLA2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 23649

Other Names
DNA polymerase alpha subunit B, DNA polymerase alpha 70 kDa subunit, POLA2

Target/Specificity
POLA2 (AAH01347, 1 a.a. ~ 598 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
IF~~1:50~200
E~~N/A

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
POLA2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

POLA2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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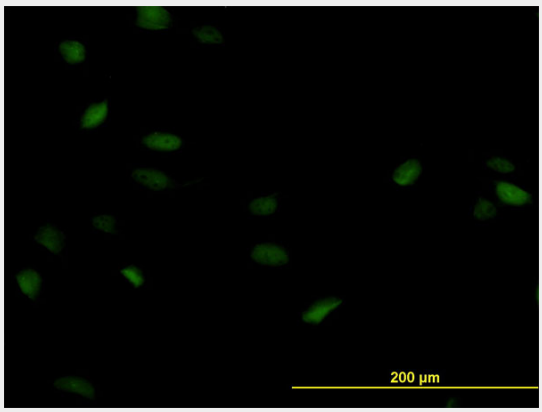
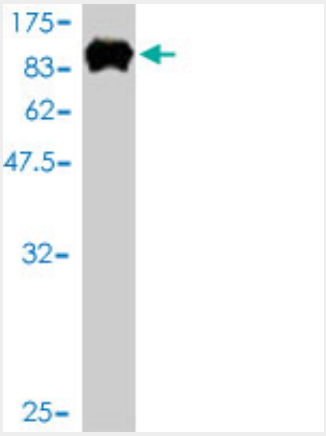
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

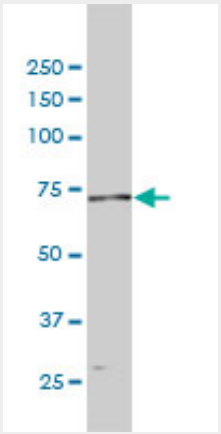
POLA2 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to POLA2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (91.52 KDa) .



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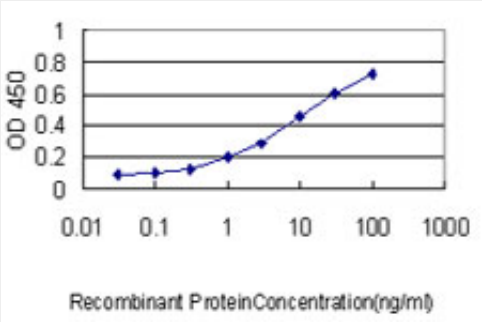
POLA2 monoclonal antibody (M01), clone 2F11 Western Blot analysis of POLA2 expression in Hela ((Cat # AT3366a)



Detection limit for recombinant GST tagged POLA2 is approximately 0.1ng/ml as a capture antibody.

POLA2 Antibody (monoclonal) (M01) - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.Genetic polymorphisms in 85 DNA repair genes and bladder cancer risk. Michiels S, et al. Carcinogenesis, 2009 May. PMID 19237606.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.