

POLI Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant POLI.****Catalog # AT3370a****Specification**

POLI Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9UNA4
Other Accession	BC032662
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	83006

POLI Antibody (monoclonal) (M01) - Additional Information**Gene ID** 11201**Other Names**

DNA polymerase iota, Eta2, RAD30 homolog B, POLI, RAD30B

Target/Specificity

POLI (AAH32662, 616 a.a. ~ 715 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

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

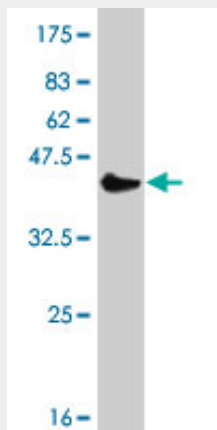
POLI Antibody (monoclonal) (M01) - Protocols

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

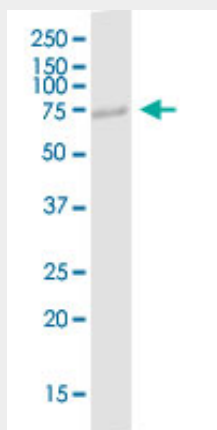
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

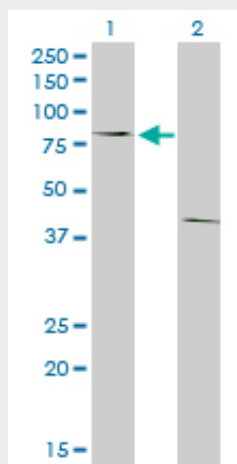
POLI Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .

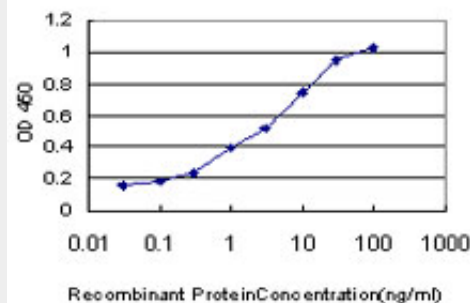


POLI monoclonal antibody (M01), clone 8G9. Western Blot analysis of POLI expression in U-2 OS.



Western Blot analysis of POLI expression in transfected 293T cell line by POLI monoclonal antibody (M01), clone 8G9.

Lane 1: POLI transfected lysate(80.3 KDa).
Lane 2: Non-transfected lysate.



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

POLI Antibody (monoclonal) (M01) - References

1.Rev1, Rev3, or Rev7 siRNA Abolishes Ultraviolet Light-Induced Translesion Replication in HeLa Cells: A Comprehensive Study Using Alkaline Sucrose Density Gradient Sedimentation.Takezawa J, Ishimi Y, Aiba N, Yamada K.J Nucleic Acids. 2010 Dec 1;2010:750296.2.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.Wang Y, Woodgate R, McManus TP, Mead S, McCormick JJ, Maher VM.Cancer Res. 2007 Apr 1;67(7):3018-26.