

POLR2I Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant POLR2I.****Catalog # AT3377a****Specification**

POLR2I Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P36954
Other Accession	BC017112
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	14523

POLR2I Antibody (monoclonal) (M01) - Additional Information**Gene ID** 5438**Other Names**

DNA-directed RNA polymerase II subunit RPB9, RNA polymerase II subunit B9, DNA-directed RNA polymerase II subunit I, RNA polymerase II 145 kDa subunit, RPB145, POLR2I

Target/Specificity

POLR2I (AAH17112, 26 a.a. ~ 125 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

POLR2I Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

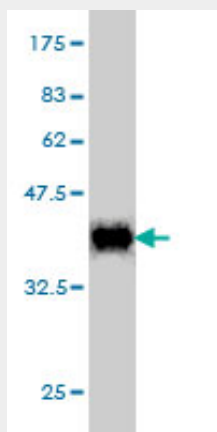
POLR2I Antibody (monoclonal) (M01) - Protocols

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

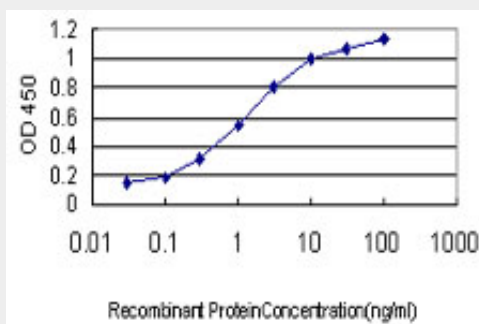
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

POLR2I Antibody (monoclonal) (M01) - Images



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



Detection limit for recombinant GST tagged POLR2I is approximately 0.03ng/ml as a capture antibody.

POLR2I Antibody (monoclonal) (M01) - Background

This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit, in combination with two other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA. The product of this gene has two zinc finger motifs with conserved cysteines and the subunit does possess zinc binding activity.

POLR2I Antibody (monoclonal) (M01) - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. Will diverse Tat interactions lead to novel antiretroviral drug targets? Harrich D, et al. Curr Drug Targets, 2006 Dec. PMID 17168834. The regulation of HIV-1 transcription: molecular targets for chemotherapeutic intervention. Stevens M, et al. Med Res Rev, 2006 Sep. PMID 16838299. Inhibition of HIV-1 virus replication using small soluble Tat peptides. Agbottah E, et al. Virology, 2006 Feb 20. PMID 16289656. 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.