

ZNRD1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ZNRD1.****Catalog # AT4648a****Specification**

ZNRD1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9P1U0
Other Accession	NM_014596
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	13904

ZNRD1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 30834**Other Names**

DNA-directed RNA polymerase I subunit RPA12, Zinc ribbon domain-containing protein 1, ZNRD1, RPA12

Target/Specificity

ZNRD1 (NP_055411, 24 a.a. ~ 126 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

ZNRD1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

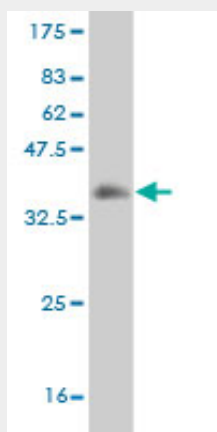
ZNRD1 Antibody (monoclonal) (M01) - Protocols

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

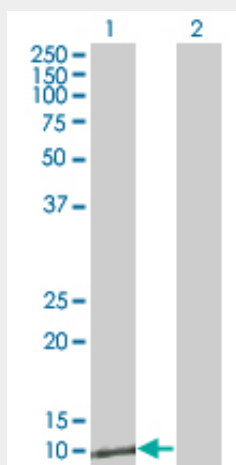
- [Western Blot](#)
- [Blocking Peptides](#)

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

ZNRD1 Antibody (monoclonal) (M01) - Images

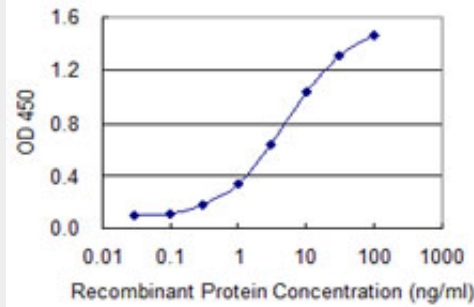


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.07 kDa) .



Western Blot analysis of ZNRD1 expression in transfected 293T cell line by ZNRD1 monoclonal antibody (M01), clone 6C12.

Lane 1: ZNRD1 transfected lysate (13.9 kDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ZNRD1 is 0.1 ng/ml as a capture antibody.

ZNRD1 Antibody (monoclonal) (M01) - Background

This gene encodes a protein with similarity to the *Saccharomyces cerevisiae* Rpa12p subunit of RNA polymerase I. Alternate splicing of this gene results in two transcript variants encoding the same protein. Additional splice variants have been described, but their full-length sequences have not been determined.

ZNRD1 Antibody (monoclonal) (M01) - References

Examination of genetic polymorphisms in newborns for signatures of sex-specific prenatal selection. Ucisik-Akkaya E, et al. *Mol Hum Reprod*, 2010 Oct. PMID 20587610. ZNRD1 (zinc ribbon domain-containing 1) is a host cellular factor that influences HIV-1 replication and disease progression. Ballana E, et al. *Clin Infect Dis*, 2010 Apr 1. PMID 20192730. Common genetic variation and the control of HIV-1 in humans. Fellay J, et al. *PLoS Genet*, 2009 Dec. PMID 20041166. High-density SNP screening of the major histocompatibility complex in systemic lupus erythematosus demonstrates strong evidence for independent susceptibility regions. Barcellos LF, et al. *PLoS Genet*, 2009 Oct. PMID 19851445. The HLA-B/C haplotype block contains major determinants for host control of HIV. Trachtenberg E, et al. *Genes Immun*, 2009 Dec. PMID 19693088.