10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RPA3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RPA3.
Catalog # AT3699a

Specification

RPA3 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC, E**
Primary Accession	P35244
Other Accession	BC005264
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 lambda**
Calculated MW	**13569**

RPA3 Antibody (monoclonal) (M01) - Additional Information

Gene ID 6119

Other Names
Replication protein A 14 kDa subunit, RP-A p14, Replication factor A protein 3, RF-A protein 3, RPA3, REPA3, RPA14

Target/Specificity
RPA3 (AAH05264, 12 a.a. ~ 121 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
RPA3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

RPA3 Antibody (monoclonal) (M01) - Protocols

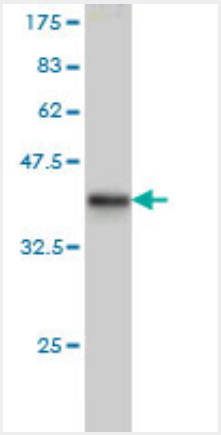
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

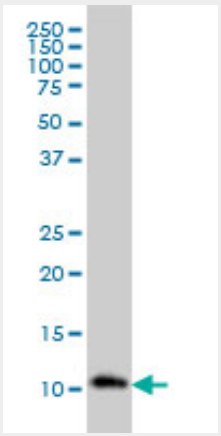
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

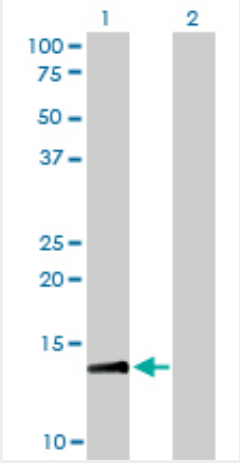
RPA3 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



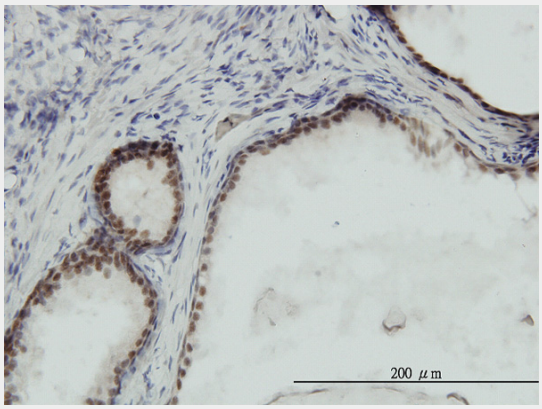
RPA3 monoclonal antibody (M01), clone 1F4 Western Blot analysis of RPA3 expression in HL-60 ((Cat # AT3699a)



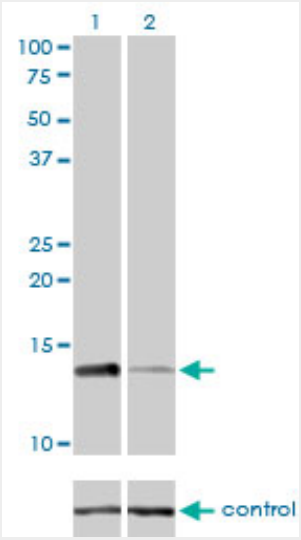
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Western Blot analysis of RPA3 expression in transfected 293T cell line by RPA3 monoclonal antibody (M01), clone 1F4.

Lane 1: RPA3 transfected lysate(13.6 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to RPA3 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged RPA3 is approximately 0.1ng/ml as a capture antibody.

RPA3 Antibody (monoclonal) (M01) - References

XPC genetic polymorphisms correlate with the response to imatinib treatment in patients with chronic phase chronic myeloid leukemia. Guillem VM, et al. Am J Hematol, 2010 Jul. PMID 20575039.Variation within DNA repair pathway genes and risk of multiple sclerosis. Briggs FB, et al. Am J Epidemiol, 2010 Jul 15. PMID 20522537.Comprehensive screen of genetic variation in DNA repair pathway genes and postmenopausal breast cancer risk. Monsees GM, et al. Breast Cancer Res Treat, 2010 May 23. PMID 20496165.Human variation in alcohol response is influenced by variation in neuronal signaling genes. Joslyn G, et al. Alcohol Clin Exp Res, 2010 May. PMID 20201926.Genetic polymorphisms in 85 DNA repair genes and bladder cancer risk. Michiels S, et al. Carcinogenesis, 2009 May. PMID 19237606.