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

RBBP9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RBBP9.

Catalog # AT3589a

Specification

RBBP9 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB**
Primary Accession	O75884
Other Accession	NM_006606
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**21000**

RBBP9 Antibody (monoclonal) (M01) - Additional Information

Gene ID 10741

Other Names
Putative hydrolase RBBP9, 3---, B5T-overexpressed gene protein, Protein BOG, Retinoblastoma-binding protein 10, RBBP-10, Retinoblastoma-binding protein 9, RBBP-9, RBBP9, BOG, RBBP10

Target/Specificity
RBBP9 (NP_006597, 87 a.a. ~ 185 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
RBBP9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

RBBP9 Antibody (monoclonal) (M01) - Protocols

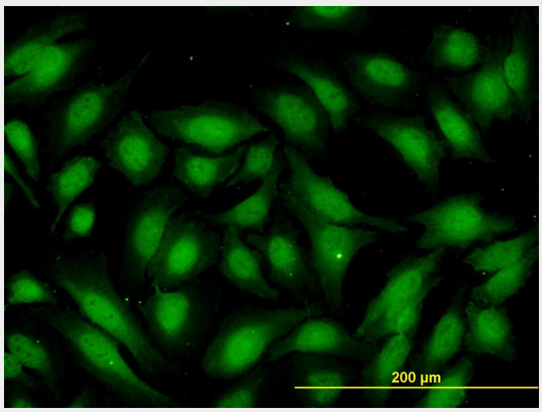
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

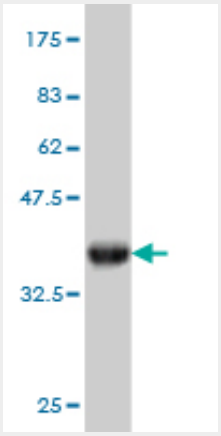
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

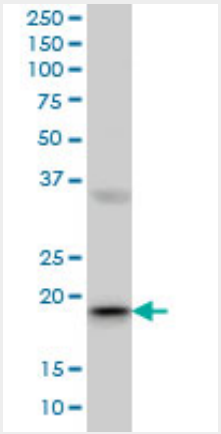
RBBP9 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to RBBP9 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



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

RBBP9 monoclonal antibody (M01), clone 2A11 Western Blot analysis of RBBP9 expression in MCF-7 ((Cat # AT3589a)

RBBP9 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Two alternatively spliced transcript variants of this gene with identical predicted protein products have been reported, one of which is a nonsense-mediated decay candidate.

RBBP9 Antibody (monoclonal) (M01) - References

RBBP9: a tumor-associated serine hydrolase activity required for pancreatic neoplasia. Shields DJ, et al. Proc Natl Acad Sci U S A, 2010 Feb 2. PMID 20080647.Crystal structure of human retinoblastoma binding protein 9. Vorobiev SM, et al. Proteins, 2009 Feb 1. PMID 19004028.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.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.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.