

RBAF600 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RBAF600.****Catalog # AT3584a****Specification**

RBAF600 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	Q5T4S7
Other Accession	NM_020765
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	573841

RBAF600 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 23352**Other Names**

E3 ubiquitin-protein ligase UBR4, 632-, 600 kDa retinoblastoma protein-associated factor, N-recognin-4, Retinoblastoma-associated factor of 600 kDa, RBAF600, p600, Zinc finger UBR1-type protein 1, UBR4, KIAA0462, KIAA1307, RBAF600, ZUBR1

Target/Specificity

RBAF600 (NP_065816, 94 a.a. ~ 190 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

RBAF600 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

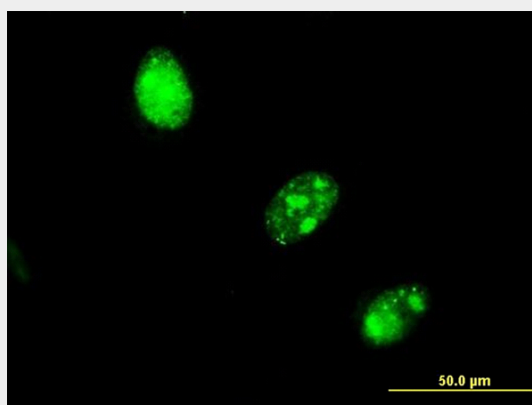
RBAF600 Antibody (monoclonal) (M01) - Protocols

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

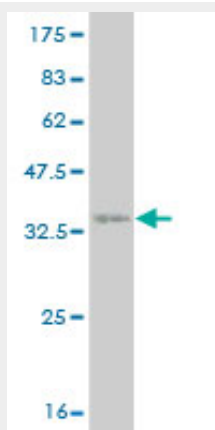
- [Western Blot](#)
- [Blocking Peptides](#)

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

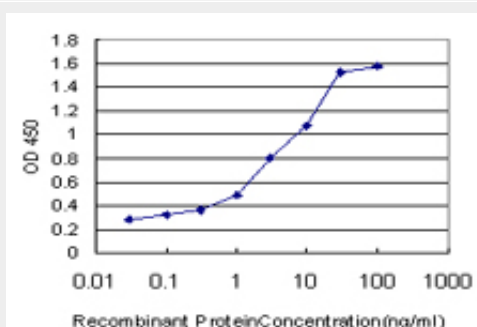
RBAF600 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to RBAF600 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .



Detection limit for recombinant GST tagged RBAF600 is approximately 0.1ng/ml as a capture antibody.

RBAF600 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is an E3 ubiquitin-protein ligase that interacts with the retinoblastoma-associated protein in the nucleus and with calcium-bound calmodulin in the cytoplasm. The encoded protein appears to be a cytoskeletal component in the cytoplasm and part of the chromatin scaffold in the nucleus. In addition, this protein is a target of the human papillomavirus type 16 E7 oncoprotein.

RBAF600 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. The response of autologous T cells to a human melanoma is dominated by mutated neoantigens. Lennerz V, et al. Proc Natl Acad Sci U S A, 2005 Nov 1. PMID 16247014. p600, a unique protein required for membrane morphogenesis and cell survival. Nakatani Y, et al. Proc Natl Acad Sci U S A, 2005 Oct 18. PMID 16214886. Association of the human papillomavirus type 16 E7 oncoprotein with the 600-kDa retinoblastoma protein-associated factor, p600. Huh KW, et al. Proc Natl Acad Sci U S A, 2005 Aug 9. PMID 16061792.