

**UHRF2 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant UHRF2.****Catalog # AT4463a****Specification**

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**UHRF2 Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IF                    |
| Primary Accession | <a href="#">Q96PU4</a>    |
| Other Accession   | <a href="#">NM_152896</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG2b Kappa               |
| Calculated MW     | 89985                     |

**UHRF2 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 115426**Other Names**

E3 ubiquitin-protein ligase UHRF2, 632-, Np95/ICBP90-like RING finger protein, Np95-like RING finger protein, Nuclear protein 97, Nuclear zinc finger protein Np97, RING finger protein 107, Ubiquitin-like PHD and RING finger domain-containing protein 2, Ubiquitin-like-containing PHD and RING finger domains protein 2, UHRF2, NIRF, RNF107

**Target/Specificity**

UHRF2 (NP\_690856, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

**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**

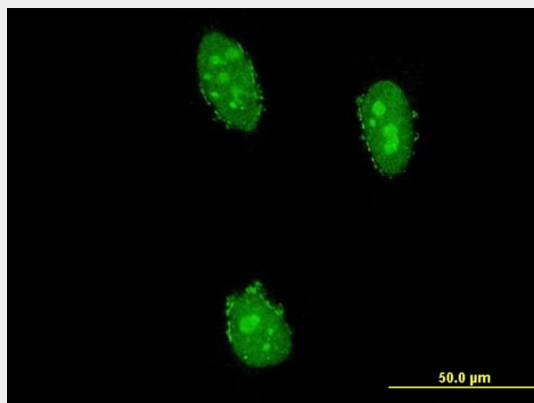
UHRF2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

**UHRF2 Antibody (monoclonal) (M01) - Protocols**

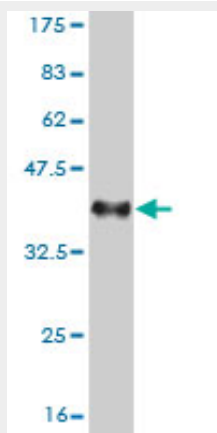
Provided below are standard protocols that you may find useful for product applications.

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

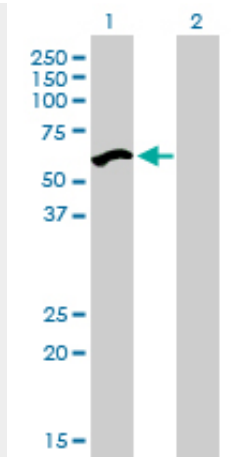
#### UHRF2 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to UHRF2 on HeLa cell . [antibody concentration 10 ug/ml]



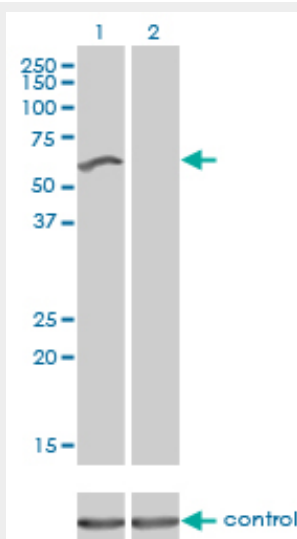
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of UHRF2 expression in transfected 293T cell line by UHRF2 monoclonal antibody (M01), clone 3A11.

Lane 1: UHRF2 transfected lysate(56.1 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of UHRF2 over-expressed 293 cell line, cotransfected with UHRF2 Validated Chimera RNAi (Cat # AT4463a)

### **UHRF2 Antibody (monoclonal) (M01) - Background**

This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquitinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis.

### **UHRF2 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. Let-7a elevates p21(WAF1) levels by targeting of NIF and suppresses the growth of A549 lung cancer cells. He X, et al. FEBS Lett, 2009 Nov 3. PMID 19818775. Intranuclear degradation of polyglutamine aggregates by the ubiquitin-proteasome system. Iwata A, et al. J Biol Chem, 2009 Apr 10. PMID 19218238. 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. ICBP90, an E2F-1 target, recruits HDAC1

and binds to methyl-CpG through its SRA domain. Unoki M, et al. Oncogene, 2004 Oct 7. PMID 15361834.