

## **UHRF1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant UHRF1.

Catalog # AT4461a

### **Specification**

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#### **UHRF1 Antibody (monoclonal) (M01) - Product Information**

Application	IF, WB, IHC
Primary Accession	<a href="#">O96T88</a>
Other Accession	<a href="#">NM_013282</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	89814

#### **UHRF1 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 29128

##### **Other Names**

E3 ubiquitin-protein ligase UHRF1, 632-, Inverted CCAAT box-binding protein of 90 kDa, Nuclear protein 95, Nuclear zinc finger protein Np95, HuNp95, hNp95, RING finger protein 106, Transcription factor ICBP90, Ubiquitin-like PHD and RING finger domain-containing protein 1, hUHRF1, Ubiquitin-like-containing PHD and RING finger domains protein 1, UHRF1, ICBP90, NP95, RNF106

##### **Target/Specificity**

UHRF1 (NP\_037414, 694 a.a. ~ 793 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**

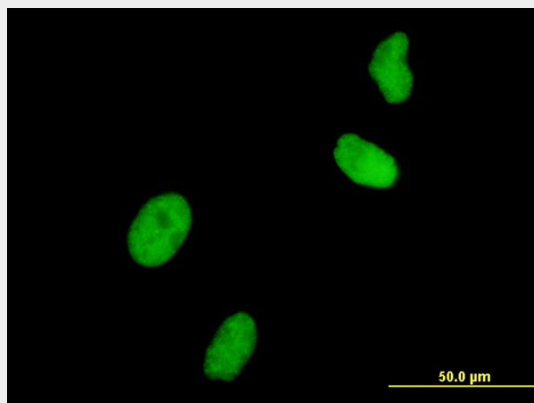
UHRF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

#### **UHRF1 Antibody (monoclonal) (M01) - Protocols**

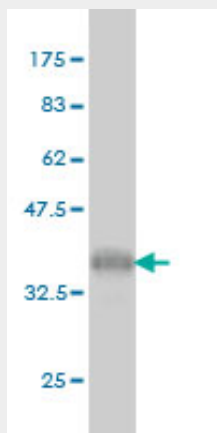
Provided below are standard protocols that you may find useful for product applications.

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

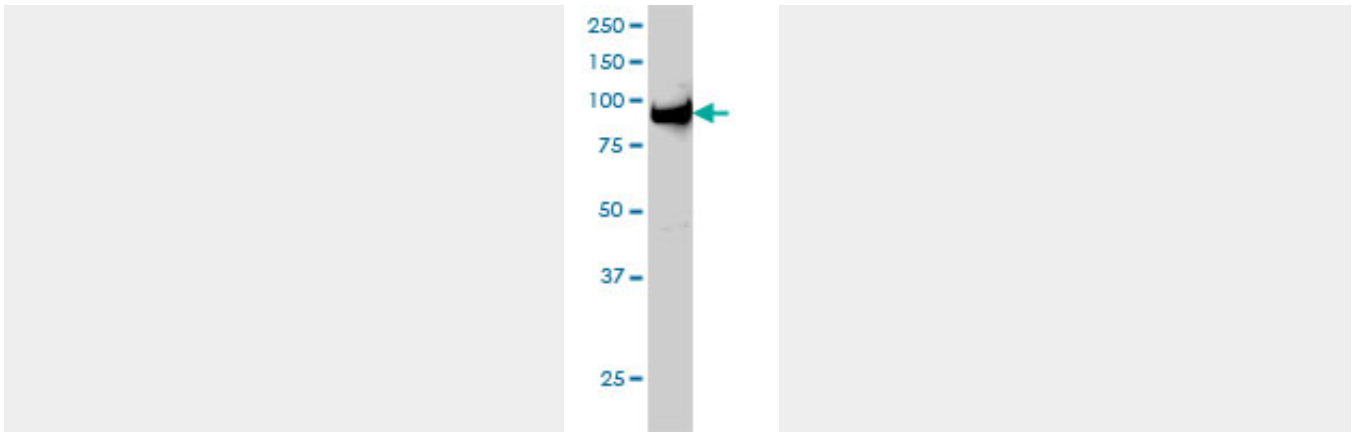
#### UHRF1 Antibody (monoclonal) (M01) - Images



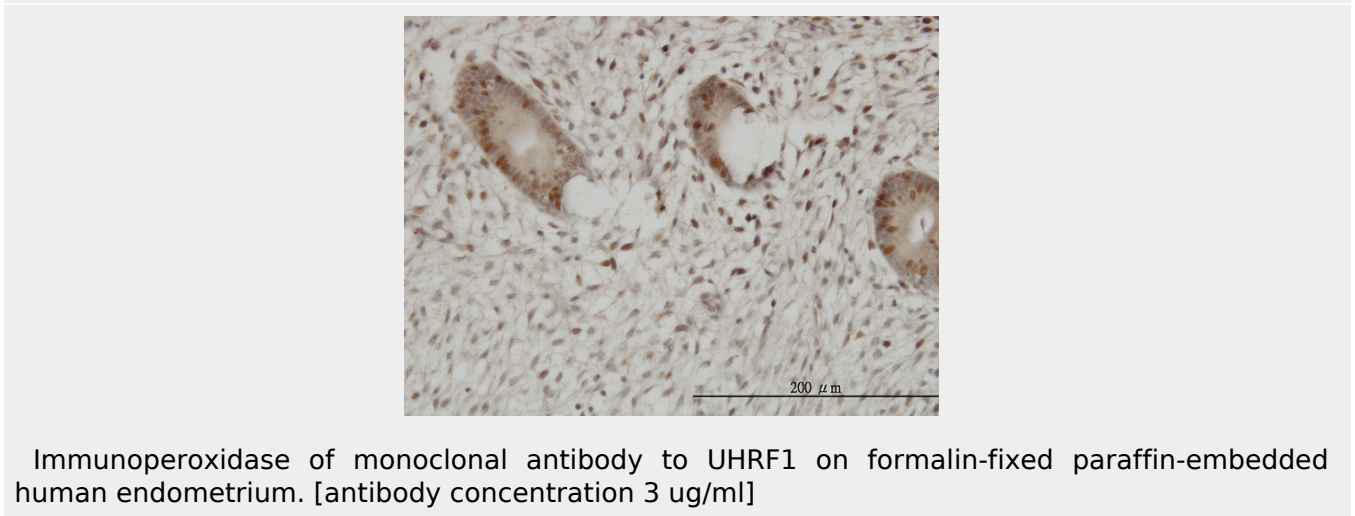
Immunofluorescence of monoclonal antibody to UHRF1 on HeLa cell. [antibody concentration 10 ug/ml]



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



UHRF1 monoclonal antibody (M01), clone 3A11 Western Blot analysis of UHRF1 expression in HeLa S3 NE ( (Cat # AT4461a )



Immunoperoxidase of monoclonal antibody to UHRF1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]

### **UHRF1 Antibody (monoclonal) (M01) - Background**

This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. Multiple transcript variants encoding different isoforms have been found for this gene.

### **UHRF1 Antibody (monoclonal) (M01) - References**

1.DNMT1 Stability Is Regulated by Proteins Coordinating Deubiquitination and Acetylation-Driven Ubiquitination.Du Z, Song J, Wang Y, Zhao Y, Guda K, Yang S, Kao HY, Xu Y, Willis J, Markowitz SD, Sedwick D, Ewing RM, Wang Z.Sci Signal. 2010 Nov 2;3(146):ra80.2.Interplay between Np95 and Eme1 in the DNA damage response.Mistry H, Gibson L, Yun JW, Sarras H, Tamblyn L, McPherson JP.Biochem Biophys Res Commun. 2008 Oct 24;375(3):321-5. Epub 2008 Aug 8.