

### Anti-UHRF1 antibody [3A11] ab57083

★★★★★ [3 Abreviews](#) [17 References](#) [4 图像](#)

#### 概述

产品名称	Anti-UHRF1抗体[3A11]
描述	小鼠单克隆抗体[3A11] to UHRF1
宿主	Mouse
经测试应用	适用于: WB, IHC-P, ICC/IF, Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant fragment: WNEVLASLKD RPASGSPFQL FLSKVEETFQ CICCQELVFR PITTVQCQHNK CKDCLDRSFR AQVFSCPACR YDLGRSYAMQ VNQLQTVLN QLFPGYGNR , corresponding to amino acids 694-794 of Human UHRF1 <a href="#">Run BLAST with</a> <a href="#">Expasy</a> <a href="#">Run BLAST with</a> <a href="#">NCBI</a>

#### 常规说明

This product was changed from ascites to tissue culture supernatant on 25/2/19. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.4
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	3A11
同种型	IgG1

kappa

## The Abpromise guarantee

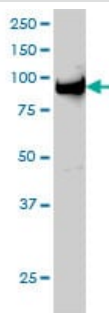
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 90 kDa.
IHC-P	★★★★★ (3)	Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 功能

功能	Putative E3 ubiquitin-protein ligase. May participate in methylation-dependent transcriptional regulation. Binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. Important for G1/S transition. May be involved in DNA repair and chromosomal stability.
组织特异性	Expressed in thymus, bone marrow, testis, lung and heart. Overexpressed in breast cancer.
通路	Protein modification; protein ubiquitination.
序列相似性	Contains 1 PHD-type zinc finger. Contains 2 RING-type zinc fingers. Contains 1 ubiquitin-like domain. Contains 1 YDG domain.
发展阶段	Expressed in fetal thymus, liver and kidney.
结构域	The RING finger is required for ubiquitin ligase activity. The YDG domain mediates the interaction with histone H3.
翻译后修饰	Phosphorylated on serine residues. Phosphorylation may enhance DNA-binding activity. Ubiquitinated; which leads to proteasomal degradation. Polyubiquitination may be stimulated by DNA damage.
细胞定位	Nucleus.

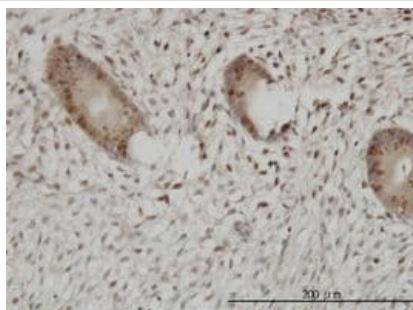
## 2



Western blot - Anti-UHRF1 antibody [3A11]  
(ab57083)

UHRF1 antibody (ab57083) at 1ug/lane + HeLa cell lysate at 25ug/lane.

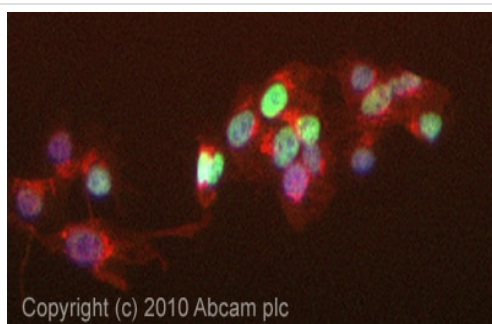
**This image was generated using the ascites version of the product.**



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UHRF1 antibody [3A11]  
(ab57083)

UHRF1 antibody (ab57083) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human endometrium.

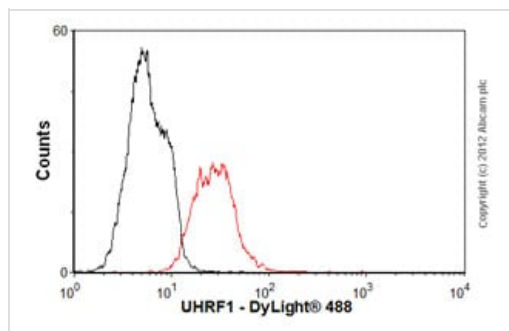
**This image was generated using the ascites version of the product.**



Immunocytochemistry/ Immunofluorescence - Anti-UHRF1 antibody [3A11] (ab57083)

ICC/IF image of ab57083 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab57083, 5μg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43μM.

**This image was generated using the ascites version of the product.**



Flow Cytometry - Anti-UHRF1 antibody [3A11]  
(ab57083)

Overlay histogram showing MCF7 cells stained with ab57083 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab57083, 1µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.

**This image was generated using the ascites version of the product.**

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors