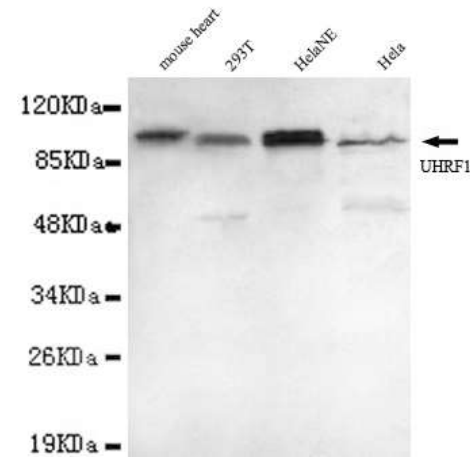


## Anti-UHRF1 Antibody (1H9-D3-E11)

<b>CATALOG NO:</b>	A1319-100
<b>AMOUNT:</b>	100 µg
<b>ALTERNATIVE NAMES:</b>	E3 ubiquitin-protein ligase UHRF1, Inverted CCAAT box-binding protein of 90 kDa, Nuclear protein 95, Nuclear zinc finger protein Np95, HuNp95, hNp95, RING finger protein 106, FLJ21925, ICBP90, MGC138707, Np95, RNF106, hNP95
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	1H9-D3-E11
<b>Host/ISOTYPE:</b>	Mouse IgG2b
<b>IMMUNOGEN:</b>	Recombinant human UHRF1 protein fragments expressed in <i>E.coli</i>
<b>MOLECULAR WEIGHT:</b>	90 kDa
<b>SPECIES REACTIVITY:</b>	Human
<b>SPECIFICITY:</b>	This antibody detects endogenous levels of UHRF1 and does not cross-react with related proteins
<b>PURIFICATION:</b>	Affinity purified
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
<b>STORAGE CONDITIONS:</b>	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	Multidomain protein that acts as a key epigenetic regulator by bridging DNA methylation and chromatin modification. Specifically recognizes and binds hemimethylated DNA at replication forks via its YDG domain and recruits DNMT1 methyltransferase to ensure faithful propagation of the DNA methylation patterns through DNA replication. In addition to its role in maintenance of DNA methylation, also plays a key role in chromatin modification: through its tudor-like regions and PHD-type zinc fingers, specifically recognizes and binds histone H3 trimethylated at 'Lys-9' (H3K9me3) and unmethylated at 'Arg-2' (H3R2me0), respectively, and recruits chromatin proteins.
<b>APPLICATION:</b>	WB; 1:1000

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Western blot detection of UHRF1 in Mouse heart, 293T, HeLa nuclear extract and HeLa cell lysates using UHRF1 Antibody**

### RELATED PRODUCTS:

- UHRF2 Polyclonal Antibody (Cat. No. 6145-100)
- USP1 Polyclonal Antibody (Cat. No. 6140-100)
- USP2 Polyclonal Antibody (Cat. No. 6141-100)
- USP3 Polyclonal Antibody (Cat. No. 6142-100)
- USP4 Polyclonal Antibody (Cat. No. 6131-50)
- USP5 Polyclonal Antibody (Cat. No. 6132-50)
- USP7 Polyclonal Antibody (Cat. No. 3747-100)
- USP8 Polyclonal Antibody (Cat. No. 6133-50)
- USP14 Polyclonal Antibody (Cat. No. 6134-50)
- USP15 Polyclonal Antibody (Cat. No. 6135-50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**