

## Product datasheet for **TA347069S**

### **UHRF1 Mouse Monoclonal Antibody [Clone ID: 1H9-D3-E11]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	1H9-D3-E11
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:1000
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	The immunogen for UHRF1 antibody: purified recombinant human UHRF1 protein fragments expressed in E.coil.
<b>Formulation:</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
<b>Purification:</b>	Affinity purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	90 kDa
<b>Gene Name:</b>	ubiquitin like with PHD and ring finger domains 1
<b>Database Link:</b>	<a href="#">NP_037414</a> <a href="#">Entrez Gene 18140 Mouse</a> <a href="#">Entrez Gene 29128 Human</a> <a href="#">Q96T88</a>

**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.



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**Synonyms:** hNP95; hUHRF1; huNp95; ICBP90; Np95; RNF106

**Note:** Detects ~ 38kDa.

**Protein Families:** Druggable Genome, Transcription Factors