



Anti-UHRF1 (N-term)

Mouse monoclonal Antibody

#53507

Catalog Number: 53507

Amount: 100µg/100µl

Swiss-Prot No. : Q96T88

Gene name: uhrf1

Gene id: 29128

Clone Number: 1H9-D3-E11

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

Immunogen: Purified recombinant human UHRF1 protein fragments expressed in E.coli.

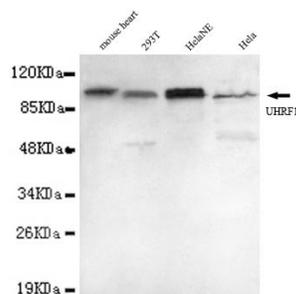
Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of UHRF1 and does not cross-react with related proteins

Reactivity: Human, Mouse

Applications:

Predicted MW: 90 kd WB: 1:1:1000



Western blot detection of UHRF1 in Mouse heart, 293T, HeLaNE and HeLa cell lysates using UHRF1 mouse mAb(1:1000 diluted). Predicted band size: 90KDa. Observed band size: 90KDa.

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.