
Product Name: UHRF1 Mouse Monoclonal Antibody**Catalog #: AMM81781**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	89.8kDa

Antigen Information

Gene Name	UHRF1
Alternative Names	Np95; hNP95; ICBP90; RNF106; TDRD22; hUHRF1; huNp95
Gene ID	29128.0
SwissProt ID	Q96T88
Immunogen	Purified recombinant fragment of human UHRF1 (AA: 616-755) expressed in E. Coli.

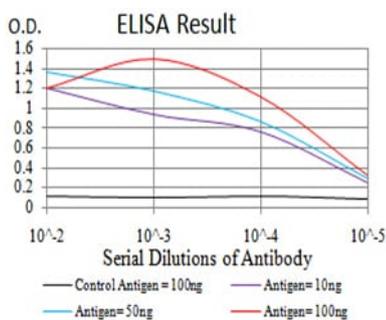
Background

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

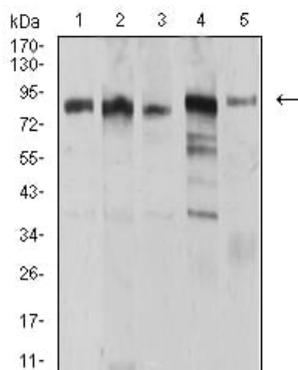
retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.

Research Area

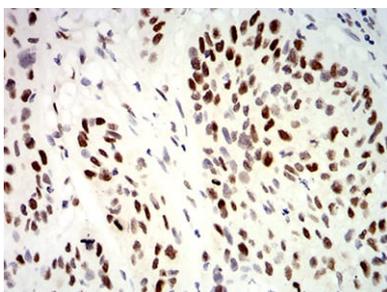
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using UHRF1 mouse mAb against MCF-7 (1), HCT116 (2), HL-60 (3), HeLa (4), and HEK293 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using UHRF1 mouse mAb with DAB staining.