

UHRF1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1267
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human UHRF1 (N-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IF, ICC
Concentration	1 mg/ml
Full name	E3 ubiquitin-protein ligase UHRF1
Synonyms	UHRF1; ICBP90; NP95; RNF106; 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; Transcription factor ICBP90; Ubiquit

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

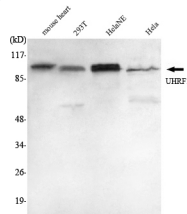
Recommended Dilution

IF: 1:100 - 1:500

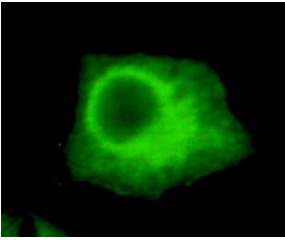
WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using UHRF1 Monoclonal antibody against mouse heart, 293T, HeLa cell lysate, HeLa nuclear extract.



Immunofluorescence analysis of HeLa cells using UHRF1 Monoclonal antibody.

Storage

-20°C for one year

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