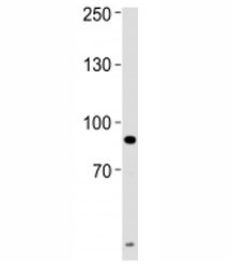
UHRF1 Antibody (F51386)

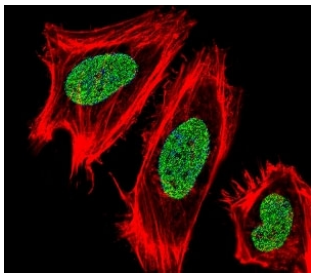
Catalog No.	Formulation	Size
F51386-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51386-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

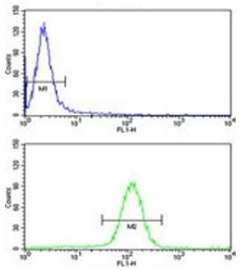
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q96T88
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This UHRF1 antibody is available for research use only.



UHRF1 antibody western blot analysis of HeLa lysate. Predicted/observed molecular weight: ~91/91-106kDa.



Fluorescent confocal image of HeLa cells stained with UHRF1 antibody. Alexa Fluor 488 conjugated secondary (green) was used. UHRF1 immunoreactivity is localized to the nucleus.



UHRF1 antibody flow cytometry analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

UHRF1 is a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone acetylase 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.

Application Notes

Titration of the UHRF1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 229-257 from the human protein was used as the immunogen for this UHRF1 antibody.

Storage

Aliquot the UHRF1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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