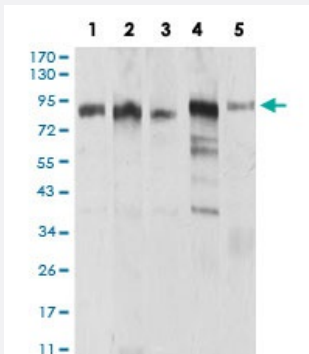


UHRF1 monoclonal antibody, clone 2A8C7

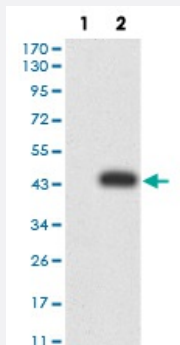
Catalog # MAB17831 Size 100 ug

Applications



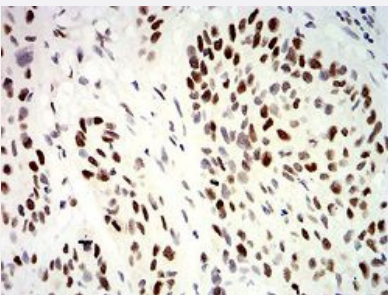
Western Blot (Cell lysate)

Western blot analysis of (1) MCF-7 cell, (2) HCT116 cell, (3) HL-60 cell, (4) HeLa cell, (5) HEK293 cell with UHRF1 monoclonal antibody.



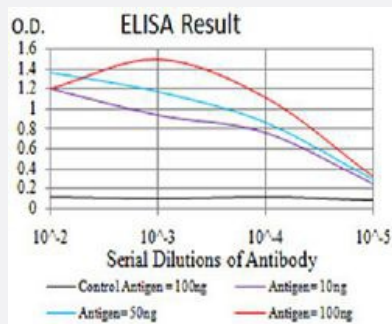
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) UHRF1-hlgFc transfected HEK293 cell lysate with UHRF1 monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded esophageal cancer tissue with UHRF1 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of UHRF1 monoclonal antibody, clone 2A8C7.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human UHRF1.
Immunogen	Recombinant protein corresponding to amino acids 616-755 of human UHRF1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	148.5
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) MCF-7 cell, (2) HCT116 cell, (3) HL-60 cell, (4) HeLa cell, (5) HEK293 cell with UHRF1 monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) UHRF1-hlgGfC transfected HEK293 cell lysate with UHRF1 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded esophageal cancer tissue with UHRF1 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of UHRF1 monoclonal antibody, clone 2A8C7.

Gene Info — UHRF1

Entrez GeneID [29128](#)

Gene Name UHRF1

Gene Alias FLJ21925, ICBP90, MGC138707, Np95, RNF106, hNP95

Gene Description ubiquitin-like with PHD and ring finger domains 1

Omim ID [607990](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations E3 ubiquitin-protein ligase UHRF1|RING finger protein 106|inverted CCAAT box-binding protein of 90 kDa|nuclear zinc finger protein Np95|transcription factor ICBP90|ubiquitin-like, containing PHD and RING finger domains, 1

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)

- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)