

UHRF1 Monoclonal Antibody (Clone M02)

CATALOG NO.: **A2308-50 (50 µg)**
A2308-100 (100 µg)

BACKGROUND DESCRIPTION: UHRF1 belongs to a subfamily of RING-finger type E3 ubiquitin ligases. In addition to its action as a E3 ubiquitin-protein ligase for target proteins such as histone H3 and PML, UHRF1 also binds to specific DNA sequences. UHRF1 recruits histone deacetylase to regulate gene expression. The expression of UHRF1 peaks during late G1 and persists through G2 and M phases of the cell cycle, playing a key role in the G1/S transition through its regulation of retinoblastoma and topoisomerase. UHRF1 also participates in the p53-dependent DNA damage checkpoint. UHRF1 is considered as a therapeutic target as it is upregulated in various cancers, including colorectal cancer.

ALTERNATE NAMES: Ubiquitin Like With PHD And Ring Finger Domains 1; RNF106; TDRD22; Np95; EC 2.3.2.27; FLJ21925; EC 6.3.2; HNP95; ICBP90

ANTIBODY TYPE: Monoclonal

CLONE: M02

HOST/ISOTYPE: Mouse / IgG1 kappa

IMMUNOGEN: GST-tagged human UHRF1 partial recombinant protein (amino acid 694 to 793)

FORM: Liquid

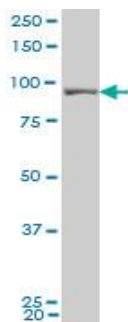
FORMULATION: In PBS pH 7.2

SPECIES REACTIVITY: Human

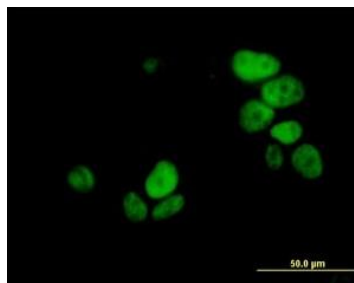
STORAGE CONDITIONS: Aliquot and store at -20 °C. Avoid repeated freeze-thaw cycles

APPLICATIONS: Western Blotting (WB): 1:500 to 1:1000 dilution

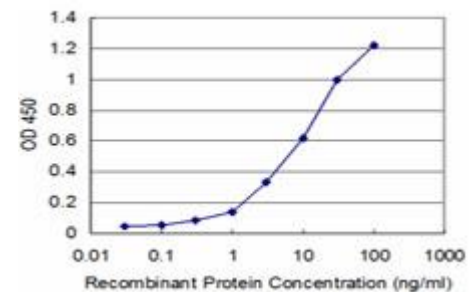
This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of MCF-7 cells using UHRF1 antibody



Immunofluorescence of MCF-7 cells using UHRF1 antibody



Detection limit for recombinant GST-tagged UHRF1 (~ 1 ng/ml)

RELATED PRODUCTS:

Anti-UCHL1 Antibody (7B8-G5-B8) (Cat. No. A1332)
 UHRF1 Antibody (Cat. No. 6144)
 Anti-Histone H3.3 Rabbit Monoclonal Antibody (Cat. No. A1140)
 USP8 Antibody (Cat. No. 6133)
 Anti-Ubiquitin Antibody (Cat. No. A1702)

FOR RESEARCH USE ONLY! Not to be used on humans