MDM2 (Human) Cell-Based ELISA Kit

Catalog # KA2986 Size 1 Kit

Specification

Product Description	MDM2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of MDM2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Calibration Range	> 5000 cells/well
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — MDM2

Entrez GeneID	4193
Protein Accession#	Q00987
Gene Name	MDM2
Gene Alias	HDMX, MGC71221, hdm2

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Description	Mdm2 p53 binding protein homolog (mouse)
Omim ID	164785
Gene Ontology	Hyperlink
Gene Summary	This gene is a target gene of the transcription factor tumor protein p53. The encoded protein is a nuclear phosphoprotein that binds and inhibits transactivation by tumor protein p53, as part of an autoregulatory negative feedback loop. Overexpression of this gene can result in excessive inacti vation of tumor protein p53, diminishing its tumor suppressor function. This protein has E3 ubiquiti n ligase activity, which targets tumor protein p53 for proteasomal degradation. This protein also af fects the cell cycle, apoptosis, and tumorigenesis through interactions with other proteins, includin g retinoblastoma 1 and ribosomal protein L5. More than 40 different alternatively spliced transcrip t variants have been isolated from both tumor and normal tissues. [provided by RefSeq
Other Designations	Mdm2, transformed 3T3 cell double minute 2, p53 binding protein|double minute 2, human homol og of; p53-binding protein|mouse double minute 2 homolog|p53-binding protein MDM2|ubiquitin-p rotein ligase E3 Mdm2

Publication Reference

- Development of dual aptamers-functionalized c-MET PROTAC degraders for targeted therapy of osteosarcoma.

  Xuekun Fu, Jie Huang, Xinxin Chen, Duoli Xie, Hongzhen Chen, Zhijian Liang, Zhuqian Wang, Yiying Liang, Aiping Lu, Chao Liang.

  Theranostics 2025 Jan; 15(1):103.

  Application: Quant, Human, MNNG/HOS cells

Pathway

- Bladder cancer
- Cell cycle
- Chronic myeloid leukemia
- Endocytosis
- Glioma
- Melanoma
- p53 signaling pathway
- Pathways in cancer

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Prostate cancer
- Ubiquitin mediated proteolysis

Disease

- Abortion
- Acquired Hyperostosis Syndrome
- Acute Disease
- Adenocarcinoma
- Anoxia
- Arthritis
- Asthma
- Brain Neoplasms
- Breast cancer
- Breast Diseases
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Cell Transformation
- Cervical Intraepithelial Neoplasia
- Choroid Plexus Neoplasms
- Chromosome Aberrations
- Chronic Disease
- Cocarcinogenesis
- Colon cancer
- Colorectal Neoplasms
- Constriction

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Critical Illness
- Crohn Disease
- Disease Progression
- Disease Susceptibility
- DNA Damage
- Endometrial Neoplasms
- Esophageal Neoplasms
- Fallopian Tube Neoplasms
- Fibrosis
- Genetic Predisposition to Disease
- Genital Neoplasms
- Glioblastoma
- Glioma
- Head and Neck Neoplasms
- Helicobacter Infections
- Hematologic Diseases
- Hepatitis
- Hepatitis B
- Hepatitis C
- Hodgkin Disease
- Inflammation
- Kidney Failure
- Kidney Neoplasms
- Laryngeal Neoplasms
- Leukemia
- Leukoplakia

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Li-Fraumeni Syndrome
- Liver Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lupus Nephritis
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Malignant melanoma
- Melanoma
- Meningioma
- Mouth Neoplasms
- Nasopharyngeal Neoplasms
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neuroblastoma
- Neuroma
- Occupational Diseases
- Oligodendroglioma
- Osteosarcoma
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Papilloma

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Papillomavirus Infections
- Peritoneal Neoplasms
- Pharyngeal Neoplasms
- Prostate cancer
- Prostatic Neoplasms
- Psoriasis
- Pulmonary Disease
- Recurrence
- Retinal Neoplasms
- Retinoblastoma
- Sepsis
- Skin Neoplasms
- Stomach Neoplasms
- The p53 tumor suppressor protein
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Waldenstrom Macroglobulinemia
- Wegener Granulomatosis
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.