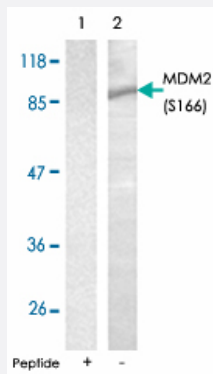


MDM2 (phospho S166) polyclonal antibody

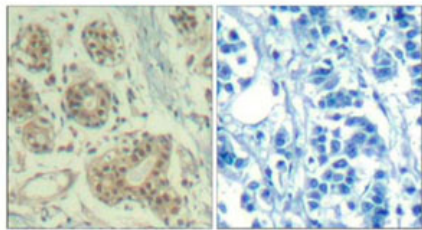
Catalog # PAB25919 Size 100 ug

Applications



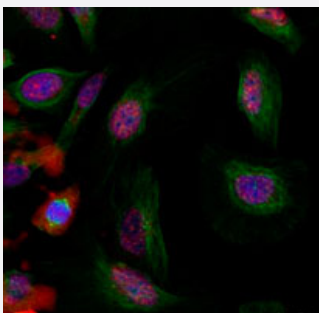
Western Blot (Cell lysate)

Western blot analysis of extracts from HT-29 cell using MDM2 (phospho S166) polyclonal antibody (Cat # PAB25919).



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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MDM2 (phospho S166) polyclonal antibody (Cat # PAB25919).



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using MDM2 (phospho S166) polyclonal antibody (Cat # PAB25919).

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of MDM2.

Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S166 of human MDM2.
Sequence	A-I-Sp-E-T
Host	Rabbit
Theoretical MW (kDa)	90
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	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 extracts from HT-29 cell using MDM2 (phospho S166) polyclonal antibody (Cat # PAB25919).

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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MDM2 (phospho S166) polyclonal antibody (Cat # PAB25919).

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using MDM2 (phospho S166) polyclonal antibody (Cat # PAB25919).

Gene Info — MDM2

Entrez GeneID

[4193](#)

Protein Accession#	Q00987
Gene Name	MDM2
Gene Alias	HDMX, MGC71221, hdm2
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 inactivation of tumor protein p53, diminishing its tumor suppressor function. This protein has E3 ubiquitin ligase activity, which targets tumor protein p53 for proteasomal degradation. This protein also affects the cell cycle, apoptosis, and tumorigenesis through interactions with other proteins, including retinoblastoma 1 and ribosomal protein L5. More than 40 different alternatively spliced transcript 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 homolog of; p53-binding protein mouse double minute 2 homolog p53-binding protein MDM2 ubiquitin-protein ligase E3 Mdm2

Pathway

- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Endocytosis](#)
- [Glioma](#)
- [Melanoma](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [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](#)
- [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](#)
- [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](#)
- [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](#)