

À des fins de recherche uniquement

Anticorps Monoclonal anti-MDM2

Numéro de catalogue: 66511-1-Ig **15 Publications**



Informations de base

| | | |
|--|---|--|
| Numéro de catalogue: 66511-1-Ig | Numéro d'acquisition GenBank: NM_002392 | Méthode de purification: Purification par protéine A |
| Taille: 150ul , Concentration: 2000 µg/ml by Nanodrop; | Identification du gène (NCBI): 4193 | CloneNo.: 2A6C9 |
| Hôte: Mouse | Nom complet: Mdm2 p53 binding protein homolog (mouse) | Dilutions recommandées: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:400-1:1600 |
| Isotype: IgG2b | MW calculé: 55 kDa | |
| | MW observés: 40-55 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, Lapin, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules MCF-7, cellules A549, cellules U-251, tissu cérébral de lapin, tissu cérébral de rat, tissu cérébral de souris

IHC : tissu de cancer du sein humain, tissu de cancer du foie humain

IF : cellules HeLa,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

MDM2, also known as HDM2, is a protein of the E3 ubiquitin-ligase family. MDM2 is recognized as a proto-oncogene and is over-expressed in a wide range of human malignancies including soft tissue carcinomas and breast cancer. MDM2 can bind to the p53 tumor suppressor protein with high affinity, and negatively regulates p53 by mediating its ubiquitination and proteosomal degradation (PMID: 17000718). MDM2 has some isoforms with calculated molecular mass of 25-55kD, and can be detected as 90-97kD. In addition to full length MDM2, two lower bands (85kD and 75kD) are often observed which are likely to be produced by translation initiation at methionine codons 50 and 60. Another isoform of MDM2 is often observed as 57-60kD in cell lines which is indeed a caspase cleavage product of MDM2 at residue 361 (PMID: 19565011, 9840926, 7689721).

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|--------------------|-------------|
| Yanting Zhu | 34552711 | Pulm Circ | WB |
| Suping Li | 34687132 | J Cell Mol Med | IF |
| Jingwen Tan | 36208777 | Chem Biol Interact | WB |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

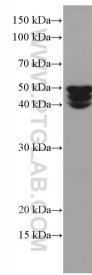
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

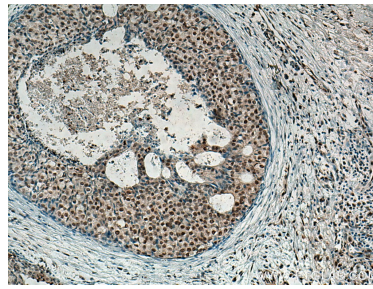
E: proteintech@ptglab.com
W: ptglab.com

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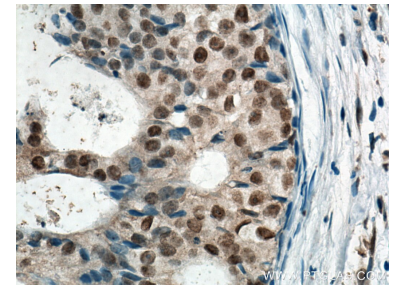
Données de validation sélectionnées



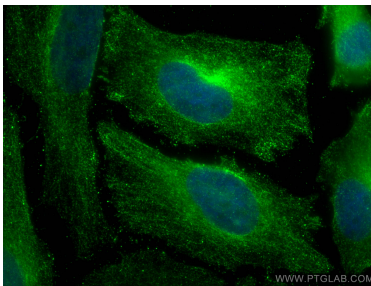
MCF-7 cells were subjected to SDS PAGE followed by western blot with 66511-1-Ig (MDM2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66511-1-Ig (MDM2 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66511-1-Ig (MDM2 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MDM2 antibody (66511-1-Ig, Clone: 2A6C9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).