

À des fins de recherche uniquement

Anticorps Monoclonal anti-MCM7

Numéro de catalogue: 67446-1-Ig



Informations de base

Numéro de catalogue:

67446-1-Ig

Numéro d'acquisition GenBank:

BC013375

Méthode de purification:

Purification par protéine G

Taille:

150ul, Concentration: 1100 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

4176

CloneNo.:

1G1F6

Hôte:

Mouse

Nom complet:

minichromosome maintenance complex component 7

Dilutions recommandées:

WB 1:5000-1:50000

IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB

Isotype:

IgG1

MW calculé

81 kDa

IHC 1:1000-1:4000

Immunogen Catalog Number:

AG28558

MW observés:

85 kDa

Applications

Applications testées:

IHC, IP, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

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.

Contrôles positifs:

WB : cellules A431, cellules 4T1, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3

IP : cellules HeLa,

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

Informations générales

MCM7, also named as CDC47 homolog or P1.1-MCM3, is a 719 amino acid protein, which belongs to the MCM family. MCM7 acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. the MCM2-7 complex participates in the pre-replication complex formation and exhibits helicase activity which makes DNA unwind, and resulting in recruitment of DNA polymerases and initiation of DNA replication and elongation [PMID: 29463213]. An immunohistochemical study has shown that MCM7 is increased in HCC. Silencing of MCM7 with shRNA inhibits the malignant behavior of HCC cells via cell cycle arrest and apoptosis [[PMID: 29463213].

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

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

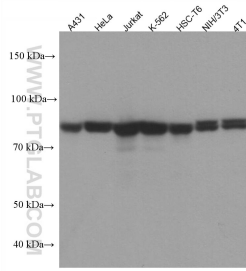
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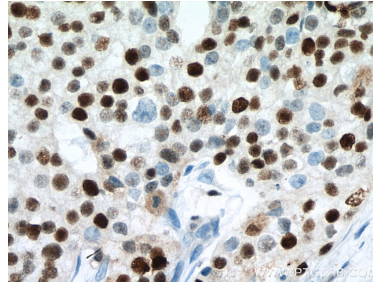
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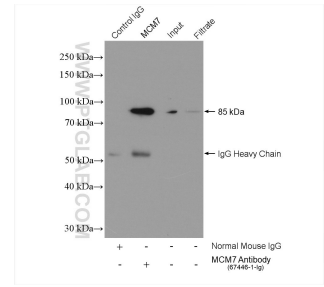
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67446-1-Ig (MCM7 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67446-1-Ig (MCM7 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MCM7(IP:67446-1-Ig, 4ug; Detection:67446-1-Ig 1:2000) with HeLa cells lysate 1040 ug.