

À des fins de recherche uniquement

Anticorps Monoclonal anti-SIRT2

Numéro de catalogue: **CL488-66410**



Informations de base

Numéro de catalogue: CL488-66410	Numéro d'acquisition GenBank: BC003547	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 22933	CloneNo.: 1D8G10
Hôte: Mouse	Nom complet: sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 43 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7756	MW observés: 37-45 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : cellules HepG2,
Spécificité de l'espèce: Humain, porc, rat, souris	

Informations générales

The silent information regulator(SIR2) family of genes are highly conserved from prokaryotes to eukaryotes and are involved in diverse processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. SIR2 contains a 323 amino acid catalytic core domain with a NAD-binding domain and a large groove which is the likely site of catalysis. SIR2 is widely expressed, highly expressed in heart, brain and skeletal muscle, while it is weakly expressed in placenta and lung. Down-regulated in many gliomas suggesting that it may act as a tumor suppressor gene in human gliomas possibly through the regulation of microtubule network. SIRT2 exists various isoforms and the molecular weight of isoforms are 35kDa, 40 kDa, and 42 kDa.

Stockage

Stockage:
Stocker à -20°C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

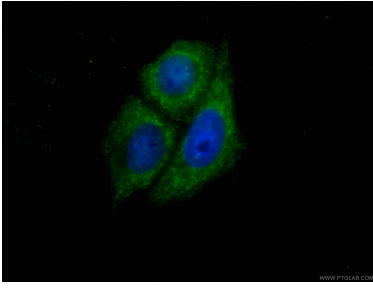
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66410 (SIRT2 antibody) at dilution of 1:100.