

À des fins de recherche uniquement

Anticorps Monoclonal anti-Beta Actin



Numéro de catalogue: CL488-60008

Informations de base

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|---|--|--|
| Numéro de catalogue: CL488-60008 | Numéro d'acquisition GenBank: BC002409 | Méthode de purification: Précipitation de l'acide caprylique/du sulfate d'ammonium |
| Taille: 100ul , Concentration: 1000 µg/ml by 60 Nanodrop; | Identification du gène (NCBI): 60 | CloneNo.: 7D2C10 |
| Hôte: Mouse | Nom complet: actin, beta | Dilutions recommandées: WB 1:2000-1:10000 |
| Isotype: IgM | MW calculé 375 aa, 42 kDa | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG0297 | | |

Applications

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| Applications testées: WB | Contrôles positifs: WB : cellules HepG2, cellules HEK-293, cellules HeLa |
| Spécificité de l'espèce: Humain, plante, poisson-zèbre, rat, souris | |

Informations générales

Beta actin, also named as ACTB and F-Actin, belongs to the actin family. Actins are highly conserved globular proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. At least six isoforms of actins are known in mammals and other vertebrates: alpha (ACTC1, cardiac muscle 1), alpha 1 (ACTA1, skeletal muscle) and 2 (ACTA2, aortic smooth muscle), beta (ACTB), gamma 1 (ACTG1) and 2 (ACTG2, enteric smooth muscle). Beta and gamma 1 are two non-muscle actin proteins. Most actins consist of 376aa, while ACTG2 (rich in muscles) has 375aa and ACTG1(found in non-muscle cells) has only 374aa. Beta actin has been widely used as the internal control in RT-PCR and Western Blotting as a 42-kDa protein. However, the 41 kDa cleaved fragment of beta actin can be generated during apoptosis process. This antibody is conjugated with CL488(Ex/Em 488 nm/515 nm), and can recognize all the actins.

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.**

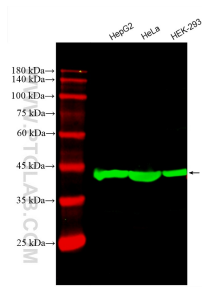
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with CL488-60008 (Beta Actin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.