

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-Beta Actin



Numéro de catalogue: **CL488-81115**

Informations de base

Numéro de catalogue:	CL488-81115	Numéro d'acquisition GenBank:	BC002409	Méthode de purification:	Purification par protéine A
Taille:	100ul , Concentration: 1000 µg/ml by 60 Nanodrop;	Identification du gène (NCBI):	60	CloneNo.:	4H1
Hôte:	Lapin	Nom complet:	actin, beta	Dilutions recommandées:	IF 1:50-1:500
Isotype:	IgG	MW calculé	375 aa, 42 kDa	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Immunogen Catalog Number:	AG14521	MW observés:	42 kDa		

Applications

Applications testées:	IF	Contrôles positifs:	IF : cellules MDCK,
Spécificité de l'espèce:	canin, Humain, porc, 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 37-40, 31, 15 kDa cleaved fragment of beta actin can be generated during apoptosis process. This antibody was generated against N-terminal region of human beta actin protein and can cross-react with other actins. (9173887, 11217076, 10229193)

Stockage

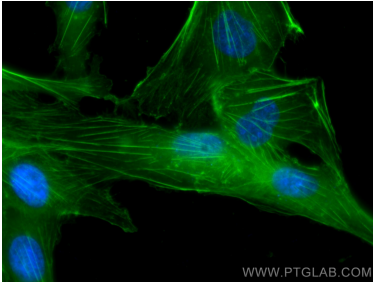
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed MDCK cells using CoraLite® Plus 488 Beta Actin antibody (CL488-81115, Clone: 4H1) at dilution of 1:200.