

À des fins de recherche uniquement

Anticorps Monoclonal anti-Beta Actin



Numéro de catalogue: HRP-66009

Phare

43 Publications

Informations de base

Numéro de catalogue: HRP-66009	Numéro d'acquisition GenBank: NM_001101	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by 60 Nanodrop;	Identification du gène (NCBI): 60	CloneNo.: 2D4H5
Hôte: Mouse	Nom complet: actin, beta	Dilutions recommandées: WB 1:2000-1:50000
Isotype: IgG2b	MW calculé: 42 kDa	
	MW observés: 42 kDa	

Applications

Applications testées:

WB

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain, poisson-zèbre, rat, singe, souris, Hamster

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules Jurkat, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules NIH/3T3

Informations générales

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 HRP. It can recognize all the actins. The isotype of this antibody is IgG2b.

Publications notables

Autrice	Pubmed ID	Journal	Application
Rudolf Hergesheimer	33003404	Cells	
Yi Li	36162742	Free Radic Biol Med	WB
Yujing Gao	36130933	Cell Death Dis	WB

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.

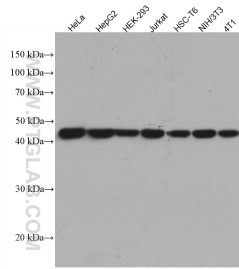
For technical support and original validation data for this product please contact:

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



Various lysates were subjected to SDS PAGE followed by western blot with HRP-66009 (beta Actin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.