

À des fins de recherche uniquement

Anticorps Monoclonal anti-beta actin



Numéro de catalogue: 60008-2-Ig **31 Publications**

Informations de base

Numéro de catalogue: 60008-2-Ig	Numéro d'acquisition GenBank: BC002409	Méthode de purification: Précipitation de l'acide caprylique/du sulfate d'ammonium
Taille: 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 60	CloneNo.: 7A9H3
Hôte: Mouse	Nom complet: actin, beta	
Isotype: IgM	MW calculé: 375 aa, 42 kDa	
Immunogen Catalog Number: AG0297	MW observés: 45 kDa	

Applications

Applications testées:
ELISA

Demandes citées:
IF, IP, WB

Spécificité de l'espèce:
Humain

Espèces citées:
bovin, Humain, 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. This antibody can recognize all of actins.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kui Xiao	34714841	PLoS One	WB
Hao Wang	34745126	Front Immunol	WB
Lu Deng	34888227	Front Oncol	WB

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.**

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)
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