

Nur für Forschungszwecke

Beta Actin Monoklonaler Antikörper



Katalog-Nr.:HRP-66009

Vorgestelltes Produkt

38 Publikationen

Allgemeine Informationen

Katalog-Nr.: HRP-66009	GenBank-Zugangsnummer: NM_001101	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von60 Nanodrop;	GeneID (NCBI): actin, beta	CloneNo.: 2D4H5
Wirt: Maus	Vollständiger Name: actin, beta	Empfohlene Verdünnungen: WB 1:2000-1:50000
Isotyp: IgG2b	Berechnete Masse: 42 kDa	
	Beobachtete Masse: 42 kDa	

Anwendungen

Geprüfte Anwendungen: WB	Positivkontrollen: WB : Jurkat-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, NIH/3T3-Zellen
In Publikationen genannte Anwendungen: IP, WB	
Getestete Reaktivität: Affe, Hamster, Human, Maus, Ratte, Zebrafisch	
Zitierte Arten: Human, Maus, Ratte	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

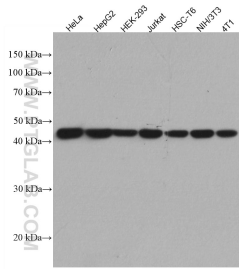
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glyzerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% 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.

Ausgewählte Validierungsdaten



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.