

beta Tubulin Loading Control Monoclonal Antibody (BT7R), HRP

Product Details	
Size	50 µL
Species Reactivity	Dog, Chicken, Human, Mouse, Non-human primate, Rabbit, Rat
Published Species	Dog, Rat, Mouse, Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	BT7R
Conjugate	HRP
Immunogen	KLH conjugated peptide of the N-terminus of Beta-Tubulin.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Contains	0.07% Kathon
Storage conditions	4° C
RRID	AB_2537827

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	6 Publications

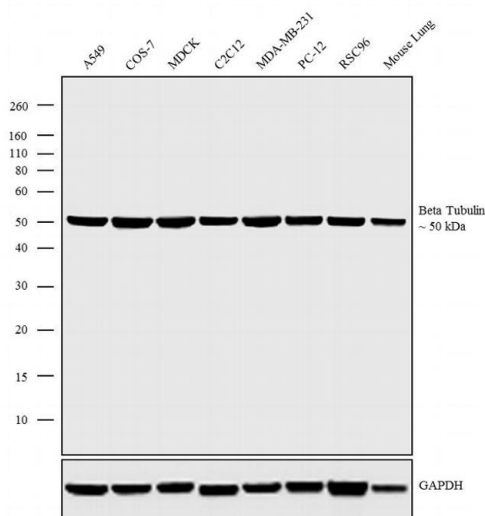
Product Specific Information

MA5-16308-HRP has been successfully used in Western blotting applications with human, mouse, rat, rabbit, non-human primate, and chicken samples.

Product Images For beta Tubulin Loading Control Monoclonal Antibody (BT7R), HRP

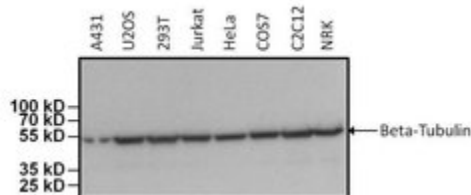
beta Tubulin Loading Control Antibody (MA5-16308-HRP) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of A549 (Lane 1), COS-7 (Lane 2), MDCK (Lane 3), C2C12 (Lane 4), MDA-MB-231 (Lane 5), PC-12 (Lane 6), RSC96 (Lane 7) and tissue extracts of Mouse Lung (Lane 8). The blot was probed with beta Tubulin Loading Control Monoclonal Antibody (BT7R), HRP (Product # MA5-16308-HRP, 1 µg/mL) and detected by chemiluminescence. A 50 kDa band corresponding to beta Tubulin was observed across the cell lines and tissues tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 10% Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



beta Tubulin Loading Control Antibody (MA5-16308-HRP) in WB

Western blot analysis of Beta-Tubulin was performed by loading 50 µg of various cell lysates per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with an HRP-conjugated Beta-Tubulin monoclonal antibody (Product # MA5-16308-HRP) at a dilution of 1:1000 for 1 hour at room temperature on a rocking platform and washed in TBS-0.1% Tween-20. Chemiluminescent detection was performed using SuperSignal West Pico (Product # 34080).



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Western Blot (6)

Cells

Bivalent Inhibitor with Selectivity for Trimeric MMP-9 Amplifies Neutrophil Chemotaxis and Enables Functional Studies on MMP-9 Proteoforms.

"MA5-16308-HRP was used in Western Blotting to evaluate the potential of a bivalent carboxylate inhibitor to selectively inhibit the trimeric proteoform of MMP-9 and compare this with a corresponding monovalent inhibitor."

Authors: Nuti E, Rossello A, Cuffaro D, Camodeca C, Van Bael J, van der Maat D, Martens E, Fiten P, Pereira RVS, Ugarte-Berzal E, Gouw y M, Opendakker G, Vandooren J

Species
Mouse

Dilution
Not Cited

Year
2020

Genome biology

tappAS: a comprehensive computational framework for the analysis of the functional impact of differential splicing.

"MA5-16308-HRP was used in Western Blotting to present a novel computational framework for the functional study of AltEM, introducing the Functional Iso-Transcriptomics (FIT) analysis approach."

Authors: de la Fuente L, Arzalluz-Luque Á, Tardáguila M, Del Risco H, Martí C, Tarazona S, Salguero P, Scott R, Lerma A, Alastrue-Agudo A, Bonilla P, Newman JRB, Kosugi S, McIntyre LM, Moreno-Manzano V, Conesa A

Species
Mouse

Dilution
Not Cited

Year
2020

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More applications with references on thermofisher.com

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