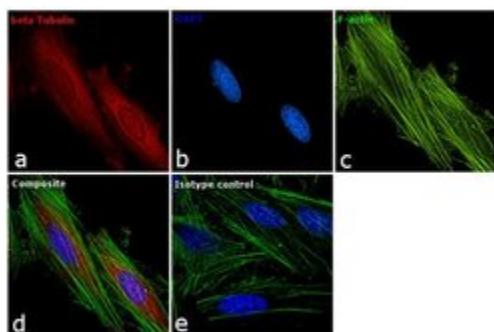


beta Tubulin Loading Control Monoclonal Antibody (BT7R), Alexa Fluor 555

Product Details	
Size	50 µL
Species Reactivity	Chicken, Human, Mouse, Non-human primate, Rabbit, Rat
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	BT7R
Conjugate	Alexa Fluor® 555
Immunogen	KLH conjugated peptide of the N-terminus of Beta-Tubulin
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2609650

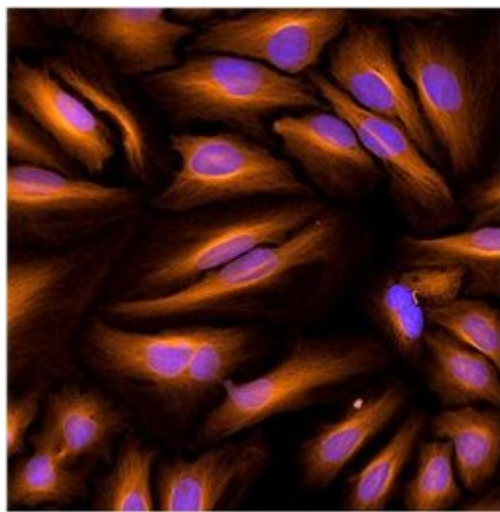
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	-
Immunocytochemistry (ICC/IF)	1:25-1:100	-

Product Images For beta Tubulin Loading Control Monoclonal Antibody (BT7R), Alexa Fluor 555



beta Tubulin Loading Control Antibody (MA5-16308-A555) in ICC/IF

Immunofluorescence analysis of beta tubulin was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with beta Tubulin Loading Control Monoclonal Antibody (BT7R), Alexa Fluor 555 (Product # MA5-16308-A555) at 1:25 dilution in 0.1% BSA and incubated at 4 degree Celsius overnight (Panel a: red). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: green) was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the isotype control. The images were captured at 60X magnification.

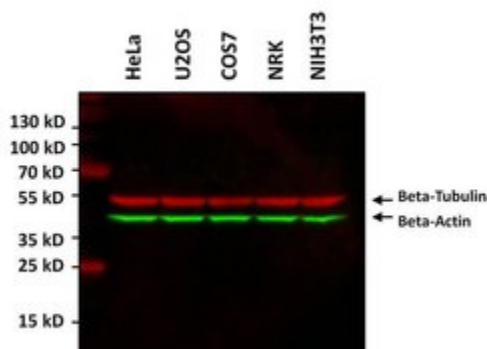


beta Tubulin Loading Control Antibody (MA5-16308-A555) in ICC/IF

Immunofluorescent analysis of beta tubulin (orange) in HeLa cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes and blocked with 3% Blocker BSA (Product # 37525) in PBS for 30 minutes at room temperature. Cells were stained with AlexaFluor 555 conjugated beta-tubulin monoclonal antibody (Product # MA5-16308-A555) at a dilution of 1:50 for 1 hour at room temperature. Nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ToxInsight at 20X magnification.

beta Tubulin Loading Control Antibody (MA5-16308-A555) in WB

Western blot analysis of beta-Tubulin was performed by loading various cell lysates onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a low fluorescence PVDF membrane and blocked with Sea Block blocking buffer for at least 1 hour. The membrane was probed with a AlexaFluor555-conjugated beta-Tubulin monoclonal antibody (Product # MA5-16308-A555) at a dilution of 1:500 for 1 hour at room temperature on a rocking platform and washed in TBS-0.1% Tween-20. Detection was performed using a fluorescence imaging system.



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