

beta Tubulin Loading Control Monoclonal Antibody (BT7R), DyLight 550

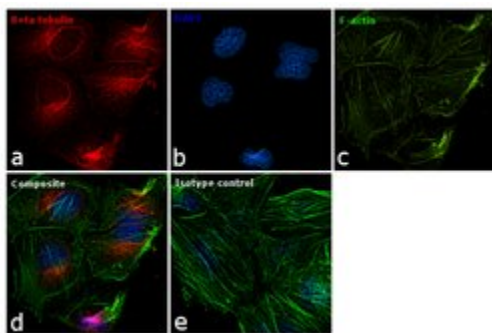
Product Details	
Size	50 µL
Species Reactivity	Chicken, Human, Mouse, Non-human primate, Rabbit, Rat
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	BT7R
Conjugate	DyLight® 550
Immunogen	KLH conjugated peptide of the N-terminus of Beta-Tubulin.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with proprietary stabilizer
Contains	0.02% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2537823

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	1:25-1:100	-

Product Specific Information

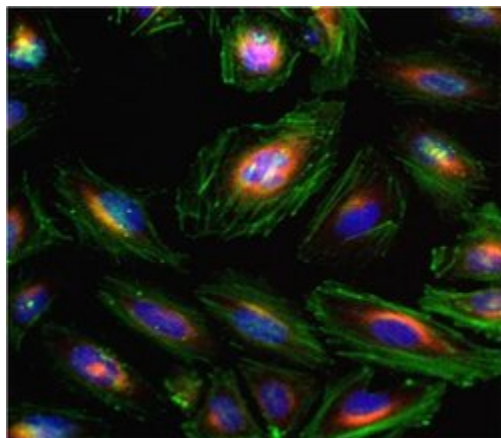
MA5-16308-D550 has successfully been used for immunofluorescence. DyLight 550 has an excitation/emission of 562/576nm.

Product Images For beta Tubulin Loading Control Monoclonal Antibody (BT7R), DyLight 550



beta Tubulin Loading Control Antibody (MA5-16308-D550) 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), DyLight 550 (Product # MA5-16308-D550) at 1:100 dilution in 0.1% BSA and incubated at 4 degree Celsius overnight (Panel a: red). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). 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 represents isotype control to assess background. The images were captured at 60X magnification.



beta Tubulin Loading Control Antibody (MA5-16308-D550) in ICC/IF

Immunofluorescent analysis of Beta-Tubulin (red) in HeLa cells. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA (Product # 37525) for 15 minutes at room temperature. Cells were probed with a DyLight 550-conjugated Beta-Tubulin monoclonal antibody (Product # MA5-16308-D550) at a dilution of 1:50 for at least 1 hour at room temperature. F-actin (green) was stained with DyLight 488 Phalloidin (Product # 21833) and nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan or ToxInsight Instrument at 20X magnification.

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