

beta Actin Monoclonal Antibody (BA3R), DyLight™ 550

Product Details	
Size	50 µL
Species Reactivity	Chicken, Human, Mouse, Rabbit, Rat
Published Species	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	BA3R
Conjugate	DyLight™ 550
Immunogen	Beta-actin N-terminal peptide
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with proprietary stabilizer
Contains	0.02% sodium azide
Storage conditions	4° C
RRID	AB_2537663

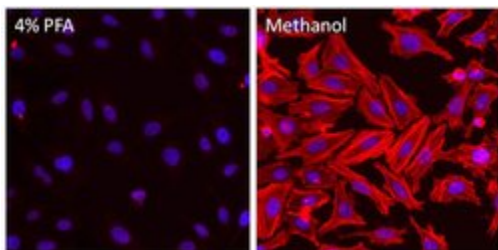
Applications	Tested Dilution	Publications
Western Blot (WB)	-	3 Publications
Immunocytochemistry (ICC/IF)	1:20-1:50	-

Product Specific Information

MA5-15739-D550 has been successfully used for Immunofluorescence. DyLight 550 has an excitation/emission of 562/576nm.

For visualization of actin filaments by immunofluorescence, fixation and permeabilization with methanol is required.

Product Images For beta Actin Monoclonal Antibody (BA3R), DyLight™ 550



beta Actin Antibody (MA5-15739-D550) in ICC/IF

Immunofluorescent analysis of beta-actin (red) in HeLa cells. Cells were fixed with either 4% paraformaldehyde (PFA) for 15 minutes at room temperature followed by permeabilization with 0.5% Triton X-100 in PBS for 15 minutes at room temperature (left panel) or fixed and permeabilized with ice-cold methanol for 10 minutes at room temperature (right panel). Cells were blocked with 0.3% BSA in PBS for 15 minutes, and probed with a DyLight 550-conjugated beta-actin monoclonal antibody (Product # MA5-15739-D550) at a dilution of 1:50 overnight at 4C. Nuclei (blue) were stained with DAPI (Product # 62247). Images were taken on a ToxInsight Instrument at 20X magnification.

[View more figures on thermofisher.com](#)

3 References

Western Blot (3)

Cell death & disease

Estradiol signaling mediates gender difference in visceral adiposity via autophagy.

"Published figure using beta Actin monoclonal antibody (Product # MA5-15739-D550) in Western Blot"

Authors: Tao Z,Zheng LD,Smith C,Luo J,Robinson A,Almeida FA,Wang Z,Olumi AF,Liu D,Cheng Z

Species

Not Applicable

Dilution

Not Cited

Year

2018

Journal of virology

NF-B and IRF1 Induce Endogenous Retrovirus K Expression via Interferon-Stimulated Response Elements in Its 5' Long Terminal Repeat.

"Published figure using beta Actin monoclonal antibody (Product # MA5-15739-D550) in Western Blot"

Authors: Manghera M,Ferguson-Parry J,Lin R,Douville RN

Species

Human

Dilution

Not Cited

Year

2016

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