

beta Actin Monoclonal Antibody (BA3R), DyLight™ 550

| Product Details | |
|-------------------------|------------------------------------|
| Size | 50 µL |
| Species Reactivity | Chicken, Human, Mouse, Rabbit, Rat |
| Published Species | Rat, Human |
| Host/Isotype | Mouse / IgG2b |
| Class | Monoclonal |
| Type | Antibody |
| Clone | BA3R |
| Conjugate | DyLight™ 550 |
| Excitation/Emission Max | 556/570 nm |
| 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 |

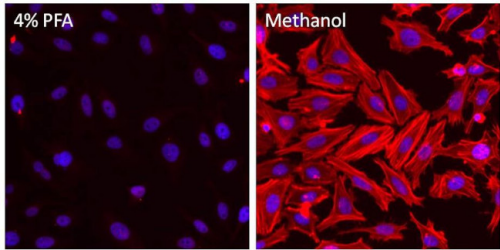
| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|----------------|
| Western Blot (WB) | - | 4 Publications |
| Immunocytochemistry (ICC/IF) | 1:20-1:50 | - |

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.cn

4 References

Western Blot (4)

| | |
|---|--------------------|
| Experimental and therapeutic medicine | Year 2021 |
| Berberine ameliorates nonalcoholic fatty liver disease by decreasing the liver lipid content via reversing the abnormal expression of MTTP and LDLR. | Species Rat |
| "MA5-15739-D550 was used in Western Blotting to suggest that fatty liver could be improved by BBR administration, via reversing the abnormal expression of MTTP and LDLR and inhibiting lipid synthesis." | Dilution 1:1000 |
| Authors: Chen P,Li Y,Xiao L | |
| Cell death & disease | Year 2018 |
| 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 | |

View more WB references on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.