

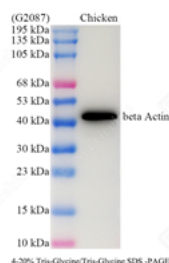


| | |
|--------------------------|--|
| Product name: | Beta Actin Mouse Monoclonal Antibody |
| Cat number: | MABS15100 |
| Conjugate: | unconjugated |
| Host: | Rabbit |
| Size: | 100 µL |
| Synonyms: | ACTB, BRWS1, PS1TP5BP1, Beta-actin, actin beta, Beta CytoskeletalActin, β-Actin |
| Concentration: | 1mg/ml |
| Isotype: | IgG1 |
| Immunogen: | KLH conjugated synthetic peptidecorresponding to Mouse beta-Actin |
| Reactivity: | Species, Human, Mouse, Rat, Pg, Ch, Bv, Sh, Gt, Mk, Rb, Ta, Frog, Human, Mouse, Rat |
| Applications: | Applications Dilution WB 1: 3000-1: 5000 IHC/IF 1: 500-1: 1000 ICC/IF 1: 300-1: 1000 |
| Molecular Weight: | 42 kDa / 42 kDa |
| Purification: | Affinity purification |
| Background: | Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. |
| Form: | Liquid |
| Buffer: | PBS with 0.02%sodium azide,100 µg/ml BSA and 50% glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |

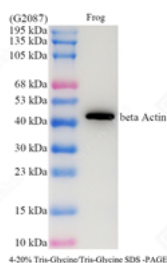
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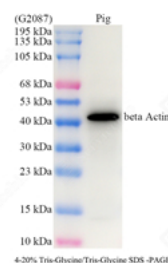
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



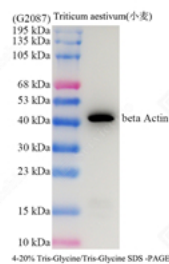
WB analysis of beta Actin . Sample: Protein treated by RIPA Lysis Buffer . Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 3000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 3000, RT, 1h.



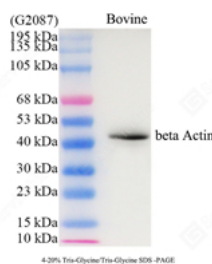
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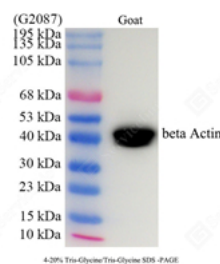
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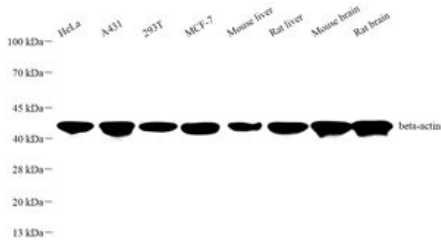
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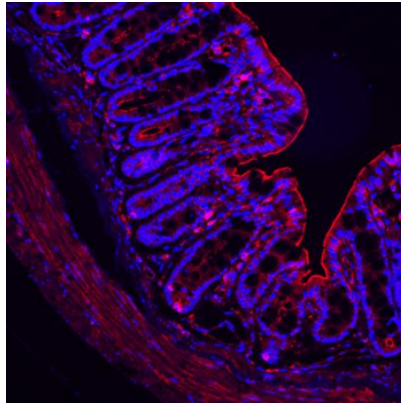
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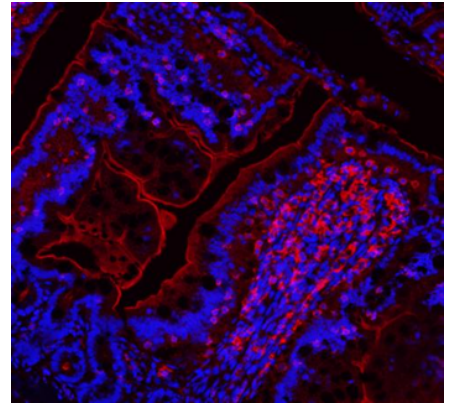
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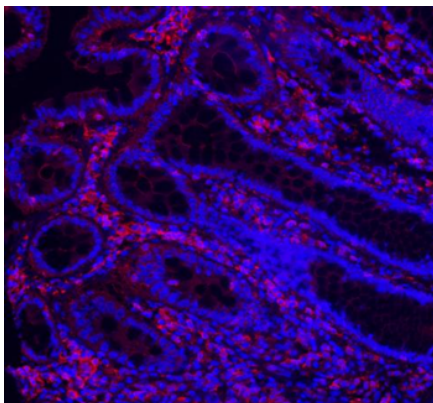
WB analysis of beta Actin . Sample: Protein treated by RIPA Lysis Buffer . Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 5000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 3000, RT, 1h.



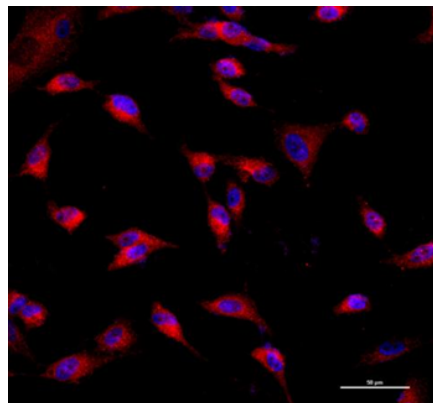
Immunofluorescent analysis of paraformaldehyde-fixed mouse rectum using β -Actin at dilution of 1: 1000



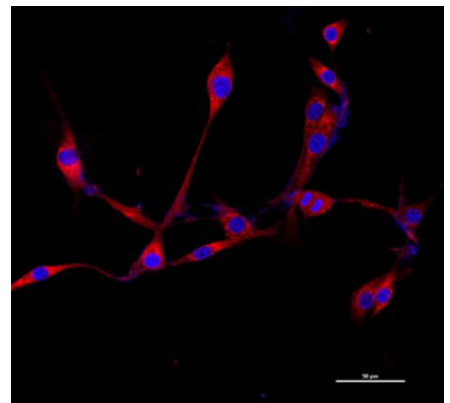
Immunofluorescent analysis of paraformaldehyde-fixed rat small intestine using β -Actin at dilution of 1: 1000



Immunofluorescent analysis of paraformaldehyde-fixed human colon using β -Actin at dilution of 1: 1000

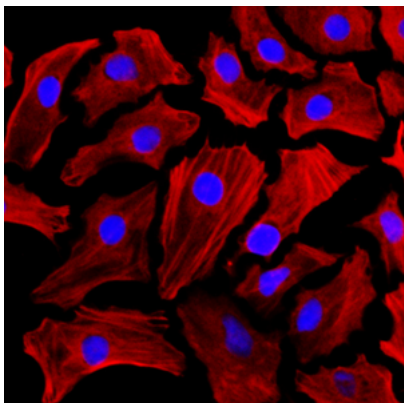


Immunocytochemistry analysis of 4% paraformaldehyde fixed NIH/3T3 cells using β -Actin at dilution of 1: 1000



Immunocytochemistry analysis of 4% paraformaldehyde fixed A549 cells using β -Actin at dilution of 1: 1000

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ICC analysis of beta Actin red. Sample:
HeLa, 4% PFA 20min. Blocking buffer:
3% BSA in PBS , RT, 30min. Primary
antibody: 1: 300, 4°C overnight.
Secondary antibody: Cy3 conjugated
Goat Anti-Mouse IgG , 1: 300, RT, 1h.

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