

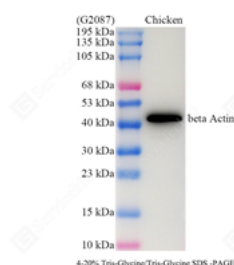


<b>Product name:</b>	Beta Actin Mouse Monoclonal Antibody
<b>Cat number:</b>	MABS15001
<b>Conjugate:</b>	unconjugated
<b>Host:</b>	Rabbit
<b>Size:</b>	100 µL
<b>Synonyms:</b>	ACTB, BRWS1, PS1TP5BP1, Beta-actin, actin beta, Beta CytoskeletalActin, β-Actin
<b>Concentration:</b>	1mg/ml
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	KLH conjugated synthetic peptidecorresponding to Mouse beta-Actin
<b>Reactivity:</b>	Species, Human, Mouse, Rat, Pg, Ch, Bv, Sh, Gt, Mk, Rb, Ta, Frog, Human, Mouse, Rat
<b>Applications:</b>	Applications Dilution WB 1: 3000-1: 5000 IHC/IF 1: 500-1: 1000 ICC/IF 1: 300-1: 1000
<b>Molecular Weight:</b>	42 kDa / 42 kDa
<b>Purification:</b>	Affinity purification
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02%sodium azide,100 µg/ml BSA and 50% glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

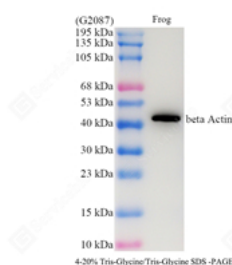
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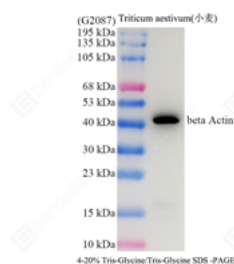
WB analysis of beta Actin . Sample:  
Protein treated by RIPA Lysis Buffer .  
Blocking buffer: 3% Nonfat dry milk in  
TBST, RT, 1h. Primary antibody: 1:  
3000, 4°C overnight. Secondary  
antibody: HRP conjugated Goat  
Anti-Mouse IgG , 1: 3000, RT, 1h.



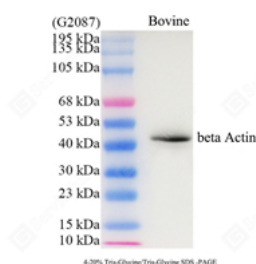
WB analysis of beta Actin . Sample:  
Protein treated by RIPA Lysis Buffer .  
Blocking buffer: 3% Nonfat dry milk in  
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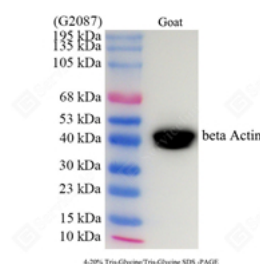
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antibody: HRP conjugated Goat  
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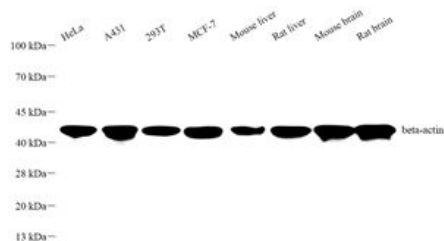
WB analysis of beta Actin . Sample:  
Protein treated by RIPA Lysis Buffer .  
Blocking buffer: 3% Nonfat dry milk in  
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antibody: HRP conjugated Goat  
Anti-Mouse IgG , 1: 3000, RT, 1h.



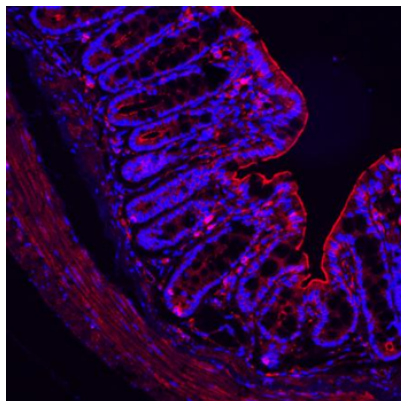
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Blocking buffer: 3% Nonfat dry milk in  
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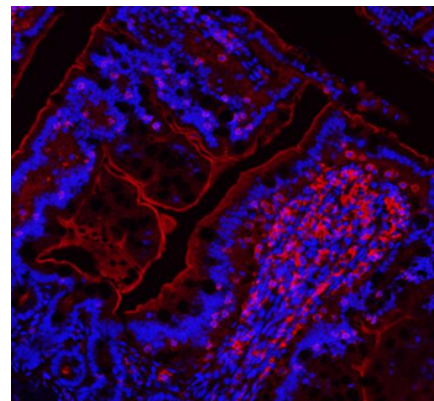
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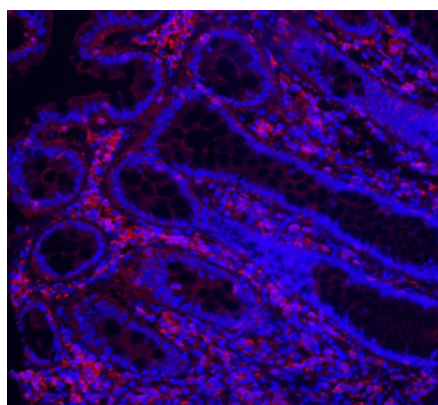
WB analysis of beta Actin . Sample:  
Protein treated by RIPA Lysis Buffer .  
Blocking buffer: 3% Nonfat dry milk in  
TBST, RT, 1h. Primary antibody: 1:  
5000, 4°C overnight. Secondary  
antibody: HRP conjugated Goat  
Anti-Mouse IgG , 1: 3000, RT, 1h.



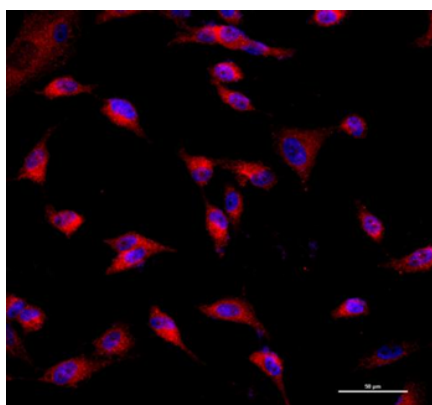
Immunofluorescent analysis of  
paraformaldehyde-fixed mouse rectum  
using  $\beta$ -Actin at dilution of 1: 1000



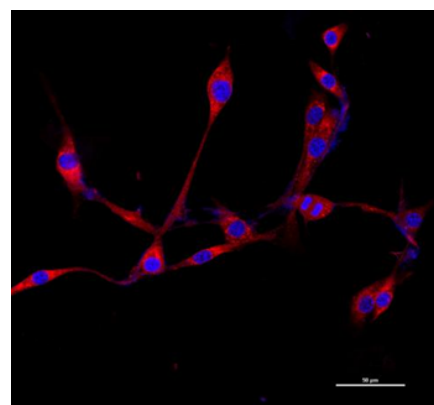
Immunofluorescent analysis of  
paraformaldehyde-fixed rat small  
intestine using  $\beta$ -Actin at dilution of 1:  
1000



Immunofluorescent analysis of  
paraformaldehyde-fixed human colon  
using  $\beta$ -Actin at dilution of 1: 1000



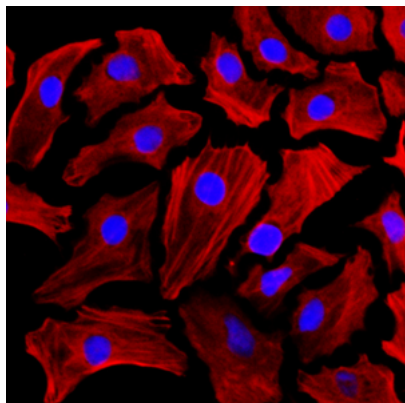
Immunocytochemistry analysis of 4%  
paraformaldehyde fixed NIH/3T3 cells  
using  $\beta$ -Actin at dilution of 1: 1000



Immunocytochemistry analysis of 4%  
paraformaldehyde fixed A549 cells  
using  $\beta$ -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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