

Product name:	Recombinant Anti-beta Actin Rabbit Monoclonal Antibody
Cat number:	MABS15003
Conjugate:	unconjugated
Size:	100 µL
Clone:	13E5
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	KLH conjugated synthetic peptide corresponding to Mouse beta-Actin
Reactivity:	Species, Human, Mouse, Rat, Pg, Ch, Bv, Sh, Gt, Mk, Rb, Ta, Frog, Human, Mouse, Rat
Applications:	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
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.
Synonyms:	ACTB, BRWS1, PS1TP5BP1, Beta-actin, actin beta, Beta CytoskeletalActin, β-Actin
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. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.

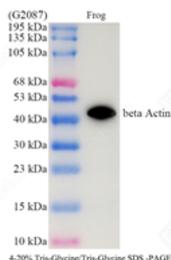
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Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



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: 5000, 4°C overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG , 1: 5000, RT, 1h.



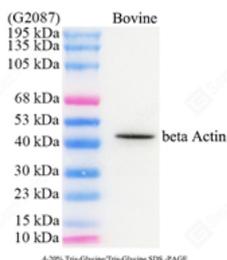
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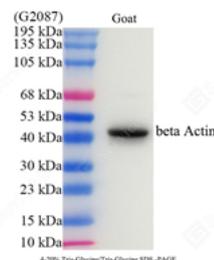
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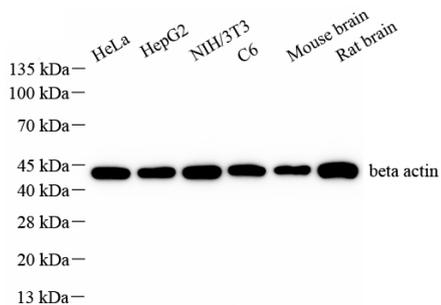
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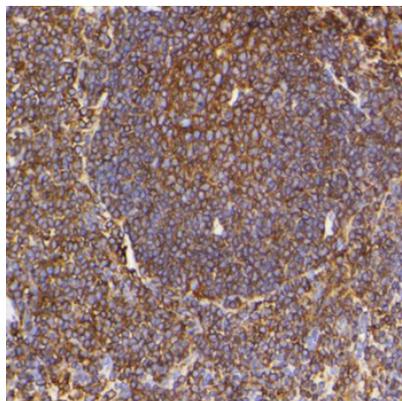
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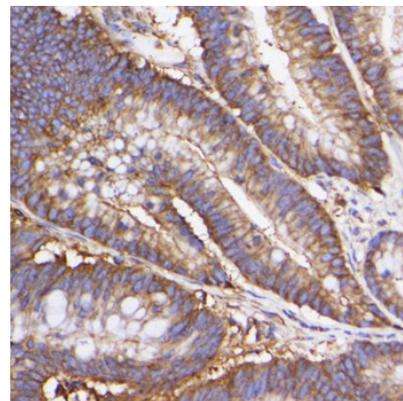
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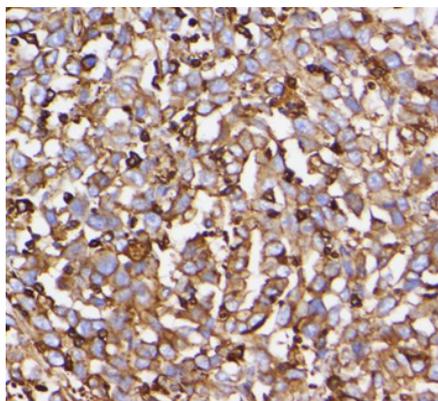
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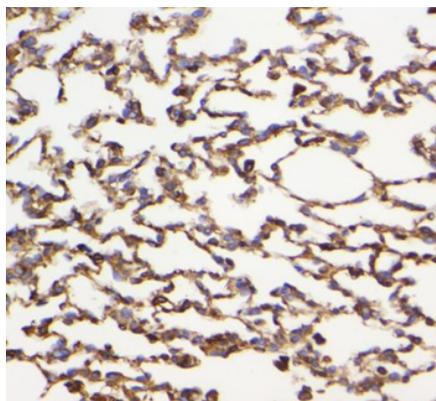
Immunohistochemistry of paraffin
embedded mouse spleen using
beta-Actin at dilution of 1: 1000



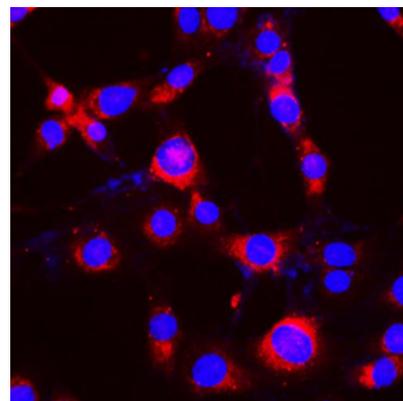
Immunohistochemistry of paraffin
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beta-Actin at dilution of 1: 1000



Immunohistochemistry of paraffin
embedded human lung cancer using
beta-Actin at dilution of 1: 1000

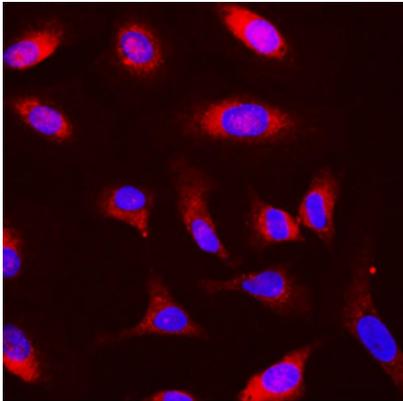


Immunohistochemistry of paraffin
embedded rat lung using beta-Actin at
dilution of 1: 1000



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

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

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