

beta Actin antibody [GT5512]

Cat. No. GTX629630

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat, Zebrafish, Yeast, Rabbit, Goat, Drosophila, Cat, Dog, Monkey, Xenopus

References (217)

★★★★☆ Review (9)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	Assay dependent

Not tested in other applications.

Observed MW (kDa) 45 kDa.**Product Note** IP/MS validation is based on published data (PMID: 30377426).

Properties

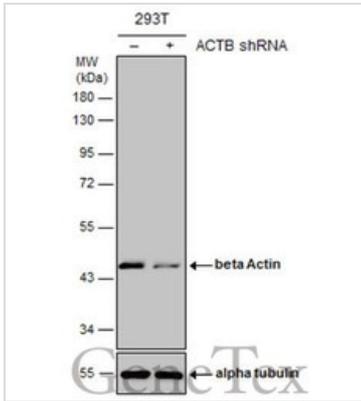
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human beta Actin. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

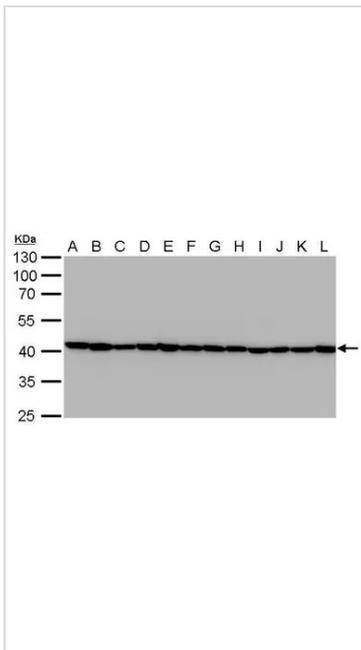
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DATA IMAGES



GTX629630 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (10 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [GT5512] (GTX629630) diluted at 1:20000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX629630 WB Image

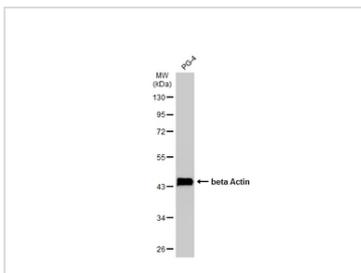
Beta Actin antibody [GT5512] detects beta Actin protein by western blot analysis.

- A. 30 µg Jurkat whole cell lysate/extract
- B. 30 µg Raji whole cell lysate/extract
- C. 30 µg 293T whole cell lysate/extract
- D. 30 µg A431 whole cell lysate/extract
- E. 30 µg HeLa whole cell lysate/extract
- F. 30 µg HepG2 whole cell lysate/extract
- G. 30 µg H1299 whole cell lysate/extract
- H. 30 µg HCT116 whole cell lysate/extract
- I. 30 µg MCF-7 whole cell lysate/extract
- J. 30 µg NT2D1 whole cell lysate/extract
- K. 30 µg PC-3 whole cell lysate/extract
- L. 30 µg U87-MG whole cell lysate/extract

10% SDS-PAGE

Beta Actin antibody [GT5512] (GTX629630) dilution: 1:20000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX629630 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody (GTX629630) diluted at 1:20000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



For full product information, images and publications, please visit our [website](#).