

β-Actin Rabbit mAb

CABC038

Description

This β-Actin Rabbit mAb is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CABC038
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: BRWS1, PS1TP5BP1, β-Actin
Clone: ARC5115-01
Applications: **WB** **IHC-P** **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat, Chicken, Zebrafish, Pig

Antibody Data

Gene ID: 60
Uniprot: AB_2863784
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 42 kDa
Calculated MW: 42 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

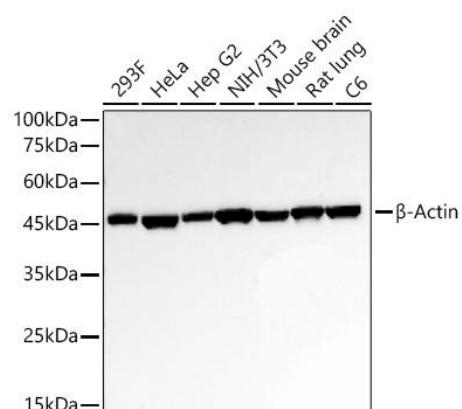
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293F, HeLa, Hep G2, NIH/3T3, C6, Mouse brain, Rat lung

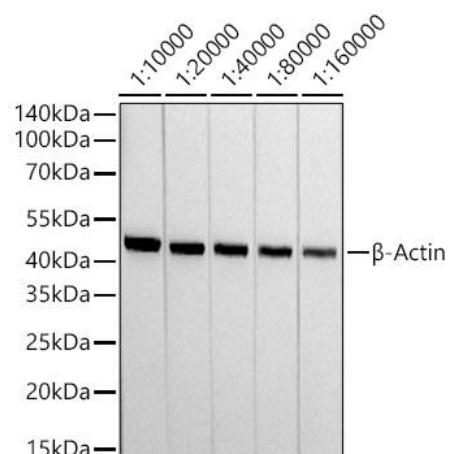
Recommended Dilutions:	WB	1:10000 - 1:100000
	IHC-P	1:400 - 1:5000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

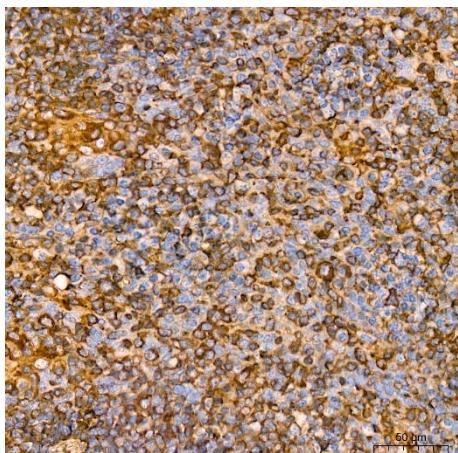
Validation Data



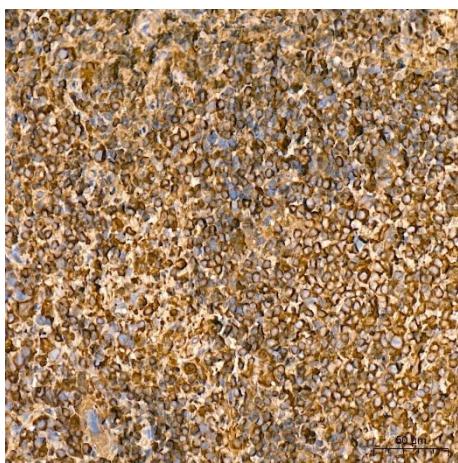
Western blot analysis of various lysates using β -Actin Rabbit mAb (CABC038) at 1:50000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of lysates from HeLa cells using β -Actin Rabbit mAb (CABC038) at 1:10000-1:160000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using β -Actin Rabbit mAb (CABC038) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using β -Actin Rabbit mAb (CABC038) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.