

## Erlin-2 Monoclonal Antibody

**CAB0781**

### Description

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This Erlin-2 Monoclonal Antibody 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

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|                      |   |
|----------------------|---|
| <b>SKU:</b>          | CAB0781   |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml) |
| <b>Category:</b>     | Monoclonal Antibody                             |
| <b>Synonyms:</b>     | NET32, SPFH2, SPG18, C8orf2, Erlin-2            |
| <b>Clone:</b>        | ARC2538   |
| <b>Applications:</b> | WB   IHC-P   ELISA                              |
| <b>Conjugation:</b>  | Unconjugated                                    |
| <b>Reactivity:</b>   | Human, Mouse, Rat                               |

### Antibody Data

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|                       |                       |
|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 11160                 |
| <b>Uniprot:</b>       | -                     |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 43kDa                 |
| <b>Calculated MW:</b> | 38kDa                 |

## Preparation & Storage

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**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:** 293T, PC-3, OVCAR3, C2C12

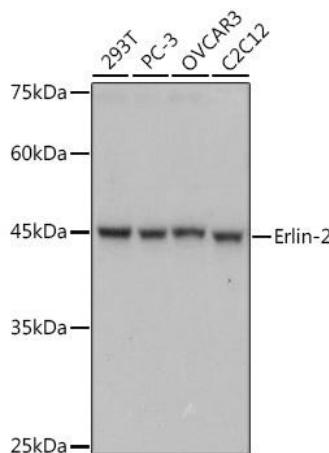
**Recommended Dilutions:**

|       |   |
|-------|---|
| WB    | 1:500 - 1:1000  |
| IHC-P | 1:50 - 1:200  |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

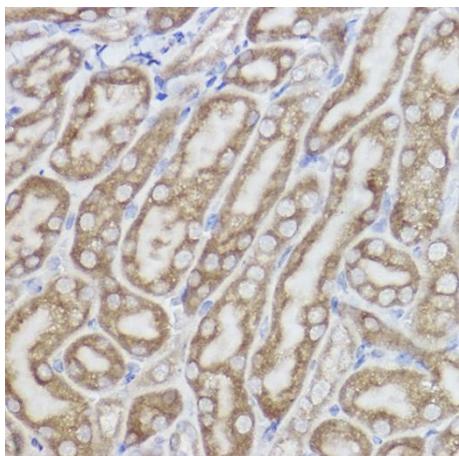
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of various lysates using Erlin-2 Rabbit mAb (CAB0781) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Erlin-2 Rabbit mAb (CAB0781) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.