

## CRYAB Monoclonal Antibody

**CAB9633**

### Description

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This CRYAB 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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**SKU:** CAB9633

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** MFM2, CRYA2, CTPP2, HSPB5, CMD1II, CTRCT16, HEL-S-101, CRYAB

**Clone:** ARC1672

**Applications:** IHC-P IF/ICC ELISA

**Conjugation:** Unconjugated

**Reactivity:** Rat

### Antibody Data

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**Gene ID:** 1410

**Uniprot:** AB\_2863743

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** Refer to figures

**Calculated MW:** 20kDa

## 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:**  
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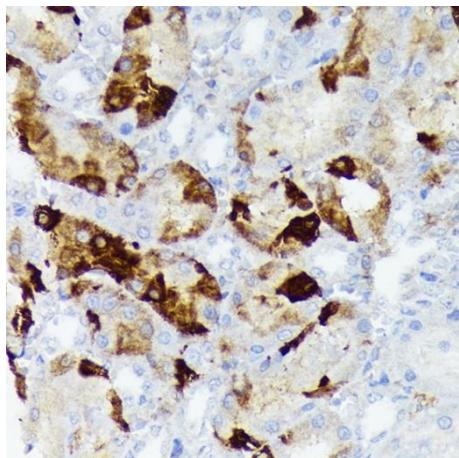
**Recommended Dilutions:**

<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

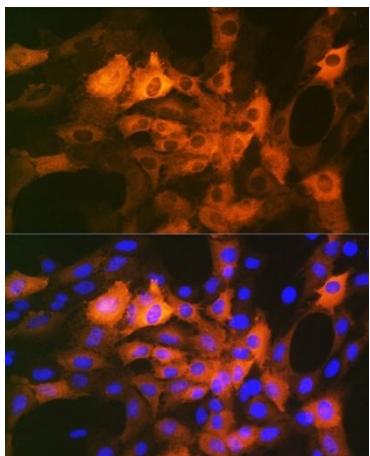
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Rat kidney using CRYAB Rabbit mAb (CAB9633) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of cells using CRYAB Rabbit mAb (CAB9633) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.