# MCM3 Antibody
**CAB1060**

## Description

This MCM3 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:** | CAB1060 |
| **Contents:** | 20 µL, 100 µL |
| | Bradford Reagent: 1 vial (2ml) |
| **Category:** | Polyclonal Antibody |
| **Synonyms:** | HCC5, P1.h, RLFB, P1-MCM3, MCM3 |
| **Clone:** | - |
| **Applications:** | WB IP ELISA |
| **Conjugation:** | Unconjugated |
| **Reactivity:** | Human, Mouse, Rat |

## Antibody Data

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|---|---|
| **Gene ID:** | 4172 |
| **Uniprot:** | AB_2758140 |
| **Host Species:** | Rabbit |
| **Purification:** | Affinity purification |
| **Observed MW:** | 105kDa |
| **Calculated MW:** | 91kDa |

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

# Preparation & Storage

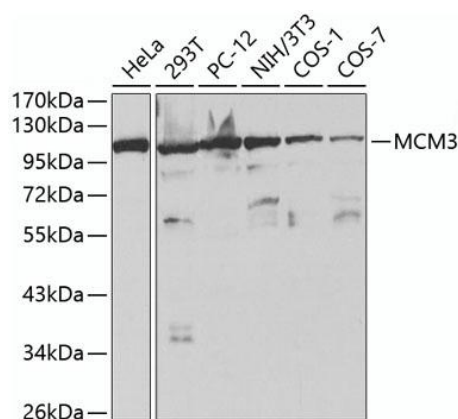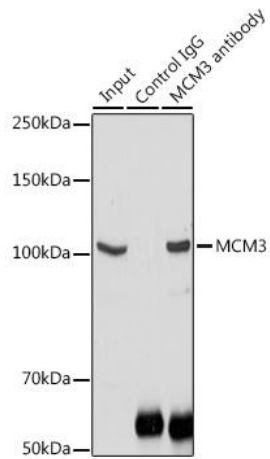| | |
|---|---|
| **Storage:** | Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.<br>Store Bradford Reagent at Room Temperature for 1 Year. |
| **Positive Sample:** | HeLa, 293T, PC-12, NIH/3T3, COS-1, COS-7 |

**Recommended Dilutions:**

| WB | 1:500 - 1:2000 |
|---|---|
| IP | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells |
| 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 Rabbit pAb (CAB1060) 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.

Immunoprecipitation analysis of 300 µg extracts of NIH/3T3 cells using 3 µg antibody (CAB1060). Western blot was performed from the immunoprecipitate using antibody (CAB1060) at a dilution of 1:1000.