

## BMP4 Monoclonal Antibody

**CAB21065**

### Description

---

This BMP4 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

---

**SKU:** CAB21065  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** ZYME, BMP2B, OFC11, BMP2B1, MCOPS6, BMP4  
**Clone:** ARC52124  
**Applications:** WB ELISA  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

---

**Gene ID:** 652  
**Uniprot:** -  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 47kDa  
**Calculated MW:** 47kDa

## 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.

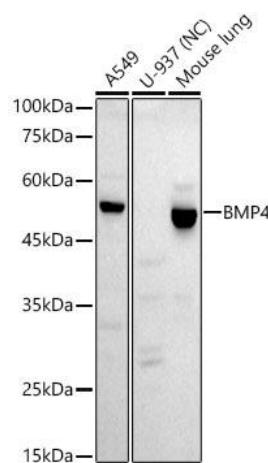
**Positive Sample:** A549, Mouse lung, Rat lung

**Recommended Dilutions:**

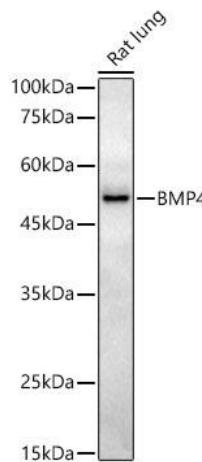
WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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 mAb (CAB21065) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes/proteins: A549, U-937 (NC), Mouse lung. Molecular weight markers (kDa) are on the left. The blot shows a band for BMP4 (~50kDa) in the A549 and Mouse lung lanes, but not in the U-937 (NC) lane.



Western blot analysis of lysates from Rat lung, using Rabbit mAb (CAB21065) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes/proteins: Rat lung. Molecular weight markers (kDa) are on the left. The blot shows a band for BMP4 (~50kDa) in the Rat lung lane.

