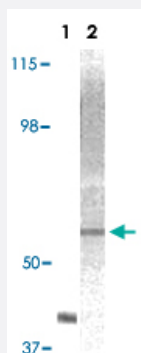


# AKT2 monoclonal antibody, clone 1G8C12

Catalog # MAB5563      Size 100 uL

## Applications



### Western Blot

Western blot analysis using AKT2 monoclonal antibody, clone 1G8C12 (Cat # MAB5563) against truncated AKT2 recombinant protein (Lane 1) and A-431 cell lysate (Lane 2).

## Specification

**Product Description** Mouse monoclonal antibody raised against partial recombinant AKT2.

**Immunogen** Recombinant protein corresponding to AKT2.

**Host** Mouse

**Reactivity** Human

**Form** Liquid

**Isotype** IgG2b

**Recommend Usage** Western Blot (1:100-1:500)  
ELISA (1:10000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)

**Storage Instruction** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis using AKT2 monoclonal antibody, clone 1G8C12 (Cat # MAB5563) against truncated AKT2 recombinant protein (Lane 1) and A-431 cell lysate (Lane 2).

- Enzyme-linked Immunoabsorbent Assay

## Publication Reference

- [AKT2 inhibition of cisplatin-induced JNK/p38 and Bax activation by phosphorylation of ASK1: implication of AKT2 in chemoresistance.](#)

Yuan ZQ, Feldman RI, Sussman GE, Coppola D, Nicosia SV, Cheng JQ.

Journal of Biological Chemistry 2003 Jun; 278(26):23432.

- [Positive feedback regulation between Akt2 and MyoD during muscle differentiation. Cloning of Akt2 promoter.](#)

Kaneko S, Feldman RI, Yu L, Wu Z, Gritsko T, Shelley SA, Nicosia SV, Nobori T, Cheng JQ.

The Journal of Biological Chemistry 2016 Oct; 291(43):22850.