

**Phospho-AKT1 (Thr450) monoclonal antibody**

Catalog: MB11846

Host: Rabbit

Reactivity: Human, Rat

**BackGround:**

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 56 kDa; Observed MW: 56 kDa

**Swiss-Prot:**

P31749

**Purification&Purity:**

Affinity Purified

**Applications:**

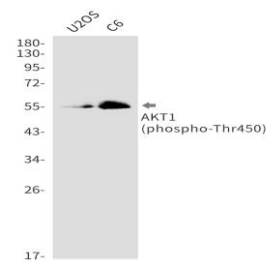
WB: 1/500-1/1000 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of Phospho-AKT1 in U2OS, C6 lysates using Phospho-AKT1 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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