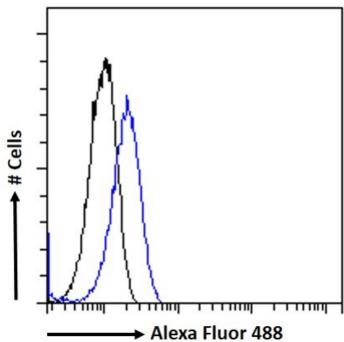


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GOAT ANTI-AKT1 ANTIBODY





SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / rac protein kinase alpha|protein kinase B|murine thymoma viral (v-akt) oncogene homolog-1|RAC-alpha

serine/threonine-protein kinase|RAC-ALPHA|RAC|PRKBA|PKB|MGC99656|AKT|v-akt murine thymoma viral oncogene Alias

Names homolog 1|AKT1

Immunofluorescence: Strong expression of the protein seen in the microtubules/cytoplasm of Usage HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric

Summary analysis of MCF7 cells. Recommended concentration: 10ug/ml.

Accession NP_005154.2; NP_001014431.1; NP_001014432.1

Blocking EBP07691 **Peptide**





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Peptide with sequence C-QDVDQREAPLN, from the internal region of the protein sequence according to Immunogen

NP_005154.2; NP_001014431.1; NP_001014432.1.

Product All variants represent identical protein (NP_005154.2, NP_001014431.1, NP_001014432.1). This antibody is NOT

Comments expected to cross-react with AKT2. It may recognize AKT1 in Rat and Dog.

Peptide C-

Sequence C-QDVDQREAPLN

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping Instructions

Refrigerated

Predicted

Species Human, Mouse

Reactive

Species Human

Human

Gene ID

Product

Grade

 $https://prod-vector-labs-pimcore-assets.s 3. us-east-1. a mazonaws. com/assets/products/image/elite_plus_medium.png$

ELISA

Detection Antibody detection limit dilution 1:32000.

Limit Western

Blot

Approx 60kDa band observed in MCF7 cell lysates and approx. 55kDa in preliminary testing of K562 and NIH3T3 cell lysate (calculated MW of 55.7kDa according to NP_005154.2). These molecular weights are observed by other

commercial sources. Recommended concentration: 0.1-0.3ug/ml. Primary incubation 1 hour at room temperature.

Application

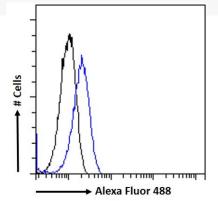
Type Pep-ELISA, WB, IF, FC

GALLERY IMAGES



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20kDa

15kDa

