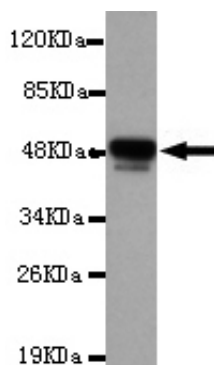




AKT1 Antibody

E220073

Catalog Number	E220073-1, E220073-2
Amount	50µg/50µl, 100µg/100µl
Description	Mouse monoclonal IgG to AKT1
GeneBank ID	NM_001014432.1
Immunogen	Recombinant fragment of Human AKT1 (N-terminus).
Reacts with	Hu
Application notes	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
Cellular localization	Cytoplasm
Relevance	The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and it is abrogated by mutations in the pleckstrin homology domain of AKT1. It was shown that the activation occurs through phosphatidylinositol 3-kinase. In the developing nervous system AKT is a critical mediator of growth factor-induced neuronal survival.
Purity	Protein G-Sepharose affinity purified.
Storage buffer	Preservative: 0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.
Form	Liquid
Storage instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



AKT1 antibody (E220073) at 1/2000 dilution interacts with recombinant AKT1 protein with a DsbA tag. Predicted band size: 50KDa. Observed band size: 50KDa.

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