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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-pAKT [AbAb-pAKT] Standard Size Ab04102-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: AbAb-pAKT

Alternative Name(s) of Target: AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha

UniProt Accession Number of Target Protein: P31749

Published Application(s): IP, WB, ELISA

Published Species Reactivity: Human, Mouse

Immunogen: The original antibody was generated by immunizing rabbits with recombinant phosphorylated peptide of protein kinase B (PHFPQF(pS)YSAS) conjugated with KLH as an immunogen.

Specificity: This antibody binds phosphorylated phosphoinositide phospholipase C-gamma, which mediates the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). It also plays an important role in the regulation of intracellular signaling cascades.

Application Notes: The binding reactivity of this antibody to recombinant phosphorylated protein kinase B peptide was confirmed using ELISA. The binding reactivity was further confirmed using western blot, of pAkt from NIH3T3 cell lysates. The scFv version of this antibody was used fused to human IgG1 using a suitable linker for the generation of scFv-Fc mini-antibody. This minibody was capable of immunoprecipitating pAkt proteins. (US20090233358).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.