

For Research Use Only

CoraLite®594-conjugated AKT Monoclonal antibody



Catalog Number:CL594-60203

Featured Product

Basic Information

| | | |
|---|---|--|
| Catalog Number: CL594-60203 | GenBank Accession Number: BC000479 | Purification Method: Protein G purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 207 | CloneNo.: 2C5D1 |
| Source: Mouse | Full Name: v-akt murine thymoma viral oncogene homolog 1 | Recommended Dilutions: IF 1:200-1:800 |
| Isotype: IgG1 | Calculated MW: 56 kDa | Excitation/Emission maxima wavelengths: 593 nm / 614 nm |
| Immunogen Catalog Number: AG16695 | Observed MW: 56-62 kDa | |

Applications

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|---|---|
| Tested Applications: IF | Positive Controls: IF : MCF-7 cells, |
| Species Specificity: human, mouse, rat | |

Background Information

The serine-threonine protein kinase AKT1 is catalytically inactive in serum-starved primary and immortalized fibroblasts. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apoptotic machinery. This antibody detects all the members of AKT with/without phospho- modification.

Storage

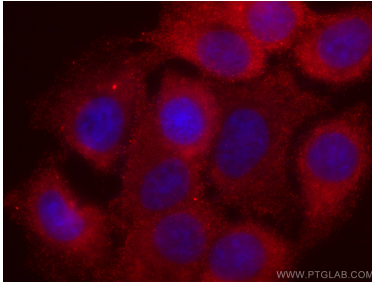
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using CoraLite®594-conjugated AKT antibody (CL594-60203, Clone: 2C5D1) at dilution of 1:400.