

For Research Use Only

# CoraLite®594-conjugated AKT Monoclonal antibody



Catalog Number: CL594-60203

Featured Product

## Basic Information

Catalog Number:

CL594-60203

Size:

100UL, Concentration: 1000 µg/ml by 207

Nanodrop and 1000 µg/ml by Bradford

method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG16695

GenBank Accession Number:

BC000479

GeneID (NCBI):

v-akt murine thymoma viral  
oncogene homolog 1

Calculated MW:

56 kDa

Observed MW:

56-62 kDa

Purification Method:

Protein G purification

CloneNo.:

2C5D1

Recommended Dilutions:

IF 1:200-1:800

Excitation/Emission maxima  
wavelengths:

593 nm/614 nm

## Applications

Tested Applications:

IF, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

IF : MCF-7 cells,

## 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:

BS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

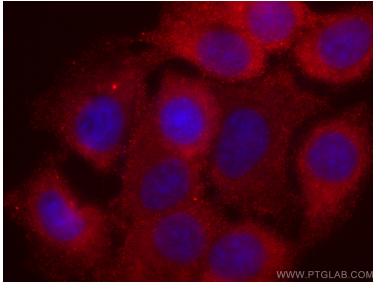
For technical support and original validation data for this product please contact:

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## 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.