

For Research Use Only

CoraLite®488-conjugated AKT Monoclonal antibody



Catalog Number: CL488-60203

2 Publications

Basic Information

Catalog Number: CL488-60203	GenBank Accession Number: BC000479	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 207	CloneNo.: 2C5D1
Source: Mouse	Full Name: v-akt murine thymoma viral oncogene homolog 1	Recommended Dilutions: IF 1:50-1:100
Isotype: IgG1	Calculated MW: 56 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG16695		

Applications

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

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. This antibody is CL488(Ex/Em 488 nm/515 nm) conjugated.

Notable Publications

Author	Pubmed ID	Journal	Application
Xin Zhou	36243809	Cell Death Discov	WB
Zhixiong Liu	35143418	J Clin Invest	WB

Storage

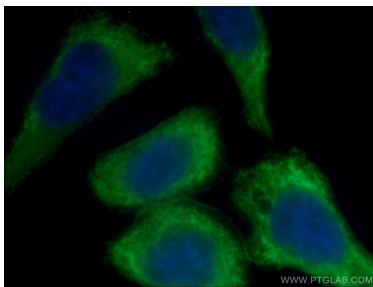
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 CL488-60203 (AKT antibody) at dilution of 1:50.