

AKT1 Monoclonal Antibody

Catalog No. E-AB-27012

Note: Centrifuge before opening to ensure complete recovery of vial contents.

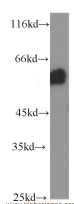
Description

Reactivity	Human,Mouse,Rat
Immunogen	Fusion protein of AKT1
Host	Mouse
Isotype	IgG1
Clone	Clone:405
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, PH7.3

Applications Recommended Dilution

WB 1:1000-1:10000,
IHC 1:100-1:400, IF
1:10-1:100

Data



Western Blot analysis of HEK-293 cells using AKT1
Monoclonal Antibody at dilution of 1:2000

Observed Mw:62kDa
Calculated Mw:62kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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