

## 10-1010: Monoclonal Antibody to AKT1 (Clone: ABM12F7)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM12F7
<b>Application :</b>	FACS,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	AKT1
<b>Gene ID :</b>	207
<b>Uniprot ID :</b>	P31749
<b>Format :</b>	Purified
<b>Alternative Name :</b>	RAC-alpha serine/threonine-protein kinase, Protein kinase B, Proto-oncogene c-Akt
<b>Isotype :</b>	Mouse IgG1 Kappa
<b>Immunogen Information :</b>	A partial length recombinant AKT1 protein (amino acids 220-480) was used as the immunogen for this antibody

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml, Flowcytometric analysis: 0.5-1µg/10<sup>6</sup> cells

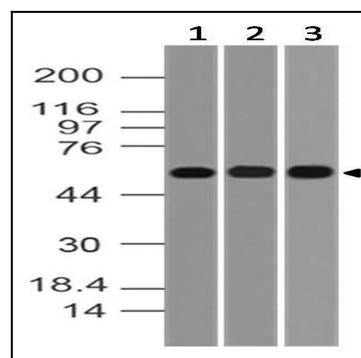


Fig-1: Western blot analysis of AKT1. Anti- AKT1 antibody (Clone: ABM12F7) was tested at 2 µg/ml on SKBR3, PC3 and BT474.

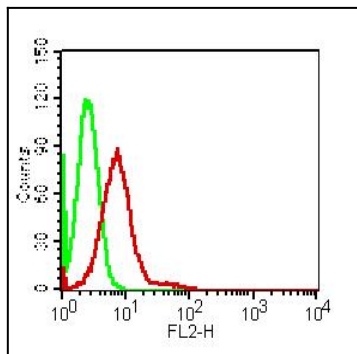


Figure-2: Intracellular flowcytometric analysis of AKT1 in HePG2 cell lines using 0.5  $\mu\text{g}/10^6$  cells of AKT-1 antibody (ABM12F7). Green represent isotype control and red represent Anti-AKT1 antibody (10-1010 Abeomics). Goat Anti-Mouse PE was used as the secondary antibody

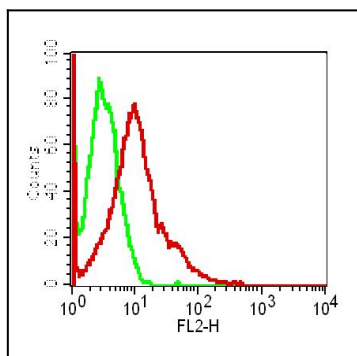


Figure-3: Intracellular flowcytometric analysis of AKT1 in HeLa cell lines using 0.5  $\mu\text{g}/10^6$  cells of AKT-1 antibody (ABM12F7). Green represent isotype control and red represent Anti-AKT1 antibody (10-1010 Abeomics). Goat Anti-Mouse PE was used as the secondary antibody