

## 10-9612: Recombinant Rabbit Monoclonal Antibody to phospho-Akt (Ser473), AKT1 (phospho S473) (Clone: RM251)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM251
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human,Bovine, Mouse, Rat
<b>Gene :</b>	AKT1
<b>Gene ID :</b>	207 , 208 , 10000
<b>Uniprot ID :</b>	P31749 , P31751 , Q9Y243
<b>Format :</b>	Purified
<b>Alternative Name :</b>	AKT1, PKB, RAC
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A phospho-peptide corresponding to human Phospho-Akt (Ser473)

### Product Info

<b>Amount :</b>	100 µl
<b>Purification :</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Content :</b>	Antibody in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Clone RM251 reacts to Akt only when phosphorylated at Ser473. There is no cross-reactivity with Akt without phosphorylation at Ser473. This antibody may also react to bovine, mouse or rat Phospho-Akt (Ser473), as predicted by immunogen homology. Immunohistochemistry (IHC): 1:200-1:500 dilution; Western Blot (WB): 1:1000-1:2000 dilution.

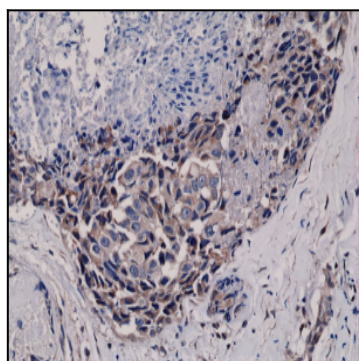


Figure 1: Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-Phospho-Akt (Ser473) Clone: RM251 at a 1:400 dilution.