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

Clone Name: Monoclonal
RM251
Application: WB,IHC

**Reactivity:** Human, Bovine, Mouse, Rat

Gene: AKT1

**Gene ID:** 207, 208, 10000

**Uniprot ID:** P31749, P31751, Q9Y243

Format: Purified

Alternative Name: AKT1, PKB, RAC Isotype: Rabbit IgG

Immunogen Information: A phospho-peptide corresponding to human Phospho-Akt (Ser473)

## **Product Info**

Amount: 100 µl

**Purification :** Protein A affinity purified from an animal origin-free culture supernatant **Content :** Antibody in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

**Storage condition :** 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.

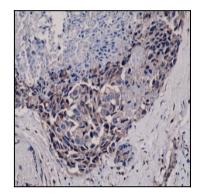


Figure 1: Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-Phospho-Akt (Ser473) Clone: RM251 at a 1:400 dilution.