

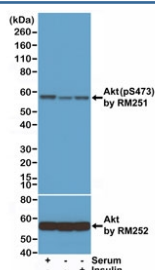
Recombinant phospho-AKT Antibody (Ser473) [clone RM251] (R20271)

Catalog No.	Formulation	Size
R20271-0.1ML	Antibody in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ul

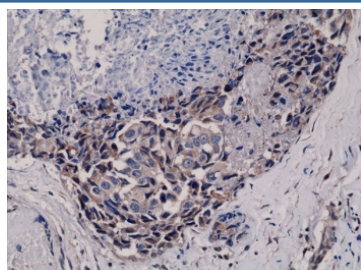
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Rat
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM251
Purity	Protein A purified from animal origin-free supernatant
UniProt	P31749, P31751, Q9Y243
Gene ID	207, 208, 10000
Applications	Immunohistochemistry (FFPE) : 1:200-1:500 (1) Western Blot : 1:1000-1:2000
Limitations	This recombinant phospho-AKT antibody is available for research use only.



Western blot test of lysates from 293 cells grown in medium with serum, serum starved, or insulin treated, using recombinant phospho-AKT antibody at 1:1000.



IHC testing of FFPE human breast cancer tissue with recombinant phospho-AKT antibody at 1:400.

Description

This recombinant phospho-AKT antibody reacts to AKT1/2/3 only when phosphorylated at Ser473. There is no cross-reactivity with Akt without phosphorylation at Ser473. It may also react to bovine, mouse or rat phospho-AKT (Ser473), as predicted by immunogen homology

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant phospho-AKT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. A pH6 Citrate buffer or pH9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.

Immunogen

A phospho-peptide corresponding to human phospho-Akt (Ser473) was used as the immunogen for this recombinant phospho-AKT antibody.

Storage

Store the recombinant phospho-AKT antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).