

## Anti-Akt1 Rabbit Monoclonal Antibody, Clone#RM252

Catalog Number: M00024-3

### Overview

Product Name	Anti-Akt1 Rabbit Monoclonal Antibody, Clone#RM252
Reactive Species	Human
Description	Boster Bio Anti-Akt1 Rabbit Monoclonal Antibody, Clone#RM252 (Catalog # M00024-3). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM252
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31749

### Technical Details

Immunogen	A synthetic peptide corresponding to the C-terminus of human Akt1
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	This antibody reacts to human Akt1. This antibody may also react to bovine, mouse or rat Akt1, as predicted by immunogen homology
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (IHC): 1:500-1:1000 dilution</p> <p>WB: 1:1000-1:2000 dilution.</p>



## Anti-Akt1 Rabbit Monoclonal Antibody, Clone#RM252 (M00024-3) Images

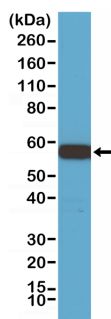


Figure 1. Western Blotting result  
Western Blot of 293 cell lysate, using Anti-Akt1 RM252 at a 1:1000 dilution, showed Akt1 (~56 kDa) expression in 293 cells.

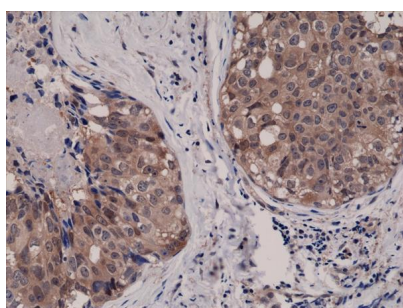


Figure 2. IHC result  
Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-Akt1 RM252 at a 1:1000 dilution.

## 2 Publications Citing This Product

1. PubMed ID: 10.1002/ddr.21821, Investigating function of long noncoding RNA of HOTAIRM1 in progression of SKOV3 ovarian cancer cells
2. PubMed ID: 18694621, A small interfering RNA targeting osteopontin as gastric cancer therapeutics

Visit [bosterbio.com/anti-akt1-rabbit-monoclonal-antibody-clone-rm252-m00024-3-boster.html](http://bosterbio.com/anti-akt1-rabbit-monoclonal-antibody-clone-rm252-m00024-3-boster.html) to see all 2 publications.

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