

Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody, Clone#RM251

Catalog Number: P00024-6

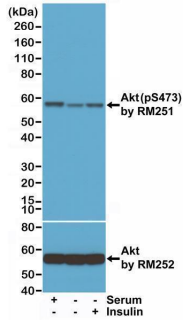
Overview

Product Name	Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody, Clone#RM251
Reactive Species	Human
Description	Boster Bio Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody, Clone#RM251 (Catalog # P00024-6). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM251
Formulation	50% Glycerol/PBS with 1% stabilizing protein and 0.09% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31749

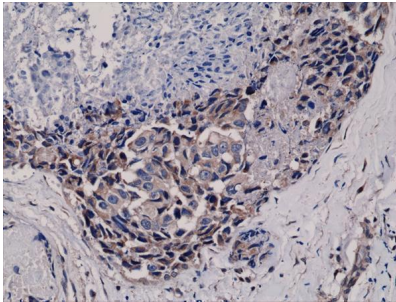
Technical Details

Immunogen	A phospho-peptide corresponding to human Phospho-Akt (Ser473)
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	This antibody 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
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	Immunohistochemistry (IHC): 1:200-1:500 dilution WB: 1:1000-1:2000 dilution.

Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody, Clone#RM251 (P00024-6) Images



Western Blotting result Western Blot of lysates from 293 cells either, grown in medium with serum, serum starved, or insulin treated. Using Anti-Phospho-Akt (Ser473) RM251 at a 1:1000 dilution or anti-Akt1 RM252 at a 1:1000 dilution.



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

4 Publications Citing This Product

1. PubMed ID: 10.3892/etm.2021.9797, MicroRNA η 185 inhibits the proliferation and migration of HaCaT keratinocytes by targeting peroxisome proliferator η activated receptor beta
2. PubMed ID: 10.1155/2019/1760184, 11C-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging
3. PubMed ID: 31787861, Han N, Jiang Y, Gai Y, Liu Q, Yuan L, Wang Y, Li M, Zhang Y, Lan X. 11C-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging. Contrast Media Mol Imaging. 2019 Nov 3; 2019:1760184. doi:10.1155/2019/1760184. PMID:31787861; PMCID:PMC6877939.

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