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Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody

Catalog Number: P00024-5

Overview

Product Name	Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody catalog # P00024-5. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal IFD-1
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *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. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31749

Technical Details

Immunogen	A synthesized peptide derived from human Phospho-Akt (Ser473)
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:100-1:500

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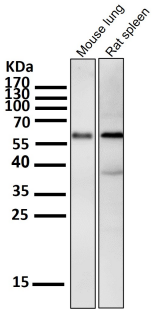
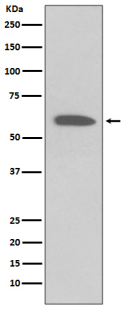
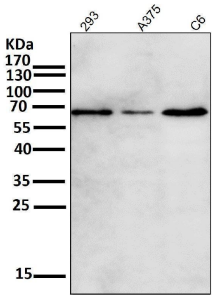
Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody (P00024-5) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis on 2 NIH/3T3 cell lysate treated with PDGF using Phospho-Akt(Ser473) Antibody.



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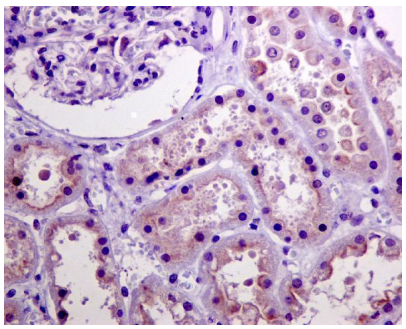

Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-Akt(Ser473) Antibody.

Immunofluorescent analysis using the Antibody at 1:50 dilution.

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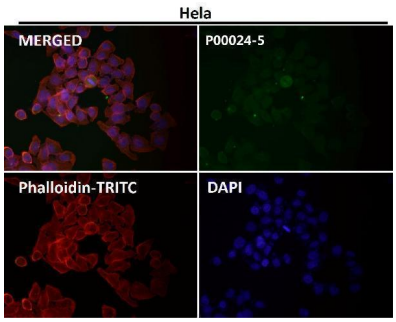
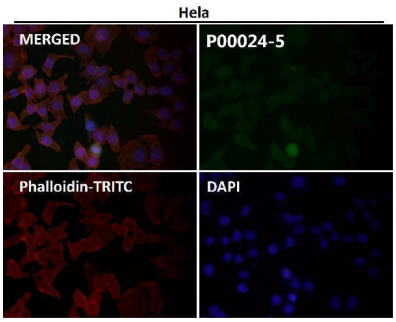
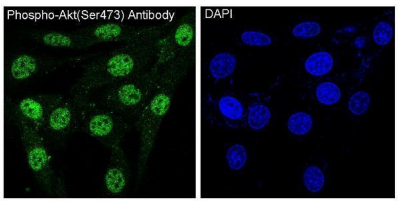




Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of NIH/3T3 cells treated with PDGF, using Phospho-Akt(Ser473) Antibody.

21 Publications Citing This Product

1. PubMed ID: 10.1016/j.jep.2020.113407, Sesquiterpene lactones; Damsin and neoambrosin suppress cytokine-mediated inflammation in complete Freunds adjuvant rat model via shutting Akt/ERK1/2/STAT3 signaling

2. PubMed ID: 33930376, Güleç □, □engelen A,Karagöz-Güzey F,Önay-Uçar E,Eren B,Vahabova G,Karacan M,Bilgen Özcan T.The calcimimetic R-568 attenuates subarachnoid hemorrhage-induced vasospasm through PI3K/Akt/eNOS signaling pathway in the rat model.Brain Res.2021 Apr 27:147508.doi:10.1016/j. brainres.2021. 147508.Epub ahead of print.PMID:33930376.

3. PubMed ID: 33654381, Xu Y,Chen W,Chen Z,Huang M,Yang F,Zhang Y.Mechanism of Action of Xiaoyao San in Treatment of Ischemic Stroke is Related to Anti-Apoptosis and Activation of PI3K/Akt Pathway.Drug Des Devel Ther.2021 Feb 22;15:753-767.doi:10.2147/DDDT.S280217.PMID:33654381;

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