
Product Datasheet

Akt (phospho-S473) antibody (orb344403)

Description

Akt (phospho-S473) antibody

Species/Host

Mouse

Reactivity

Human, Monkey, Mouse, Rat

Conjugation

Unconjugated

Tested

ELISA, FC, IF, IHC, IP, Multiplex Assay, WB

Applications
Immunogen

Anti-AKT pS473 (MOUSE) Monoclonal Antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding S473 of human AKT1 protein, followed by hybridoma development.

Preservatives

0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/ml

Storage

Store Anti-AKT pS473 (MOUSE) Monoclonal Antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

Phospho AKT antibody is tested in ELISA, immunofluorescence, immunohistochemistry, and western blotting. Expect a band approximately 56 kDa in size corresponding to phosphorylated AKT protein by western blotting in the appropriate cell lysate or extract. This phospho-specific monoclonal antibody reacts with human and mouse AKT pS473 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide. Specific conditions for reactivity should be optimized by the end user. For immunohistochemistry use formalin-fixed paraffin-embedded sections. No pre-treatment of sample is required.

Isotype

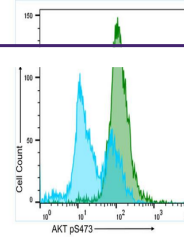
IgG1

Clonality

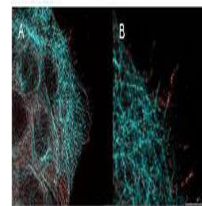
Monoclonal

Purity

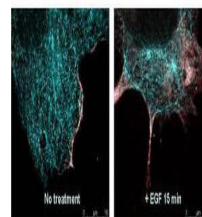
Anti-AKT pS473 Monoclonal Antibody was purified from concentrated tissue culture supernate by



Flow Cytometry results of Anti-AKT pS473...



High resolution STED immunofluorescence



Immunofluorescence confocal microscopy o...