
Product Datasheet

Akt (phospho-S473) antibody (orb344456)

Description

Akt (phospho-S473) antibody

Species/Host

Mouse

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested

ELISA, FC, IF, IHC, WB

Applications
Immunogen

This monoclonal antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding S473 of human AKT1 protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

Store vial 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

This monoclonal antibody is tested in ELISA, immunohistochemistry, immunofluorescent microscopy, 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. Cell Signaling, Cancer, Neuroscience, Signal Transduction research.

Isotype

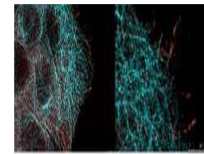
IgG1

Clonality

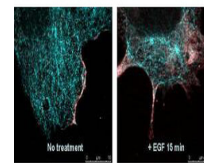
Monoclonal

Purity

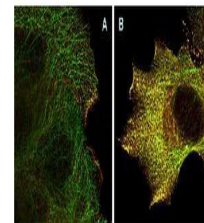
This product was purified from concentrated tissue culture supernate by Protein A chromatography. This antibody is specific for human and mouse AKT protein phosphorylated at S473. A BLAST analysis


 High resolution
STED
immunofluorescence

...


 Immunofluorescence
confocal microscopy

O...


 Immunofluorescence
Microscopy of Mouse

A...