

## Product Datasheet

### Rock-2 (phospho-Y256) antibody (orb345586)

## Description

Rock-2 (phospho-Y256) antibody

M 1 2

### Species/Host

Rabbit

### Reactivity

Human

### Conjugation

Unconjugated

### Tested

ELISA, IHC, WB

### Applications

### Immunogen

This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding Y256 of human ROCK-2.

Western blot using Biorbyt's affinity pu...

### 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 affinity purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 164 kDa in size corresponding to phosphorylated ROCK-2 by western blotting in the appropriate cell lysate or extract. This phospho-specific polyclonal antibody reacts with human ROCK-2 pY256 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide.

### Isotype

IgG

### Clonality

Polyclonal

### Purity

This product was affinity purified from monospecific antiserum by immunoaffinity chromatography using phospho-peptide coupled to agarose beads followed by solid phase adsorption against nonphospho-peptide. This antibody is specific for human ROCK-2 protein phosphorylated at Y256. A BLAST analysis was used to suggest cross-reactivity with ROCK-2 from human, mouse, rat, chicken, dog, bovine.