

## Product Datasheet

### **Pdcd4 (phospho-S457) antibody (orb344434)**

**Description**

Pdc4 (phospho-S457) antibody

**Species/Host**

Mouse

**Reactivity**

Human, Mouse

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, IHC, WB

**Immunogen**

This monoclonal antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding Ser457 of the human Pdc4 protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

**Note**

For research use only

**Application notes**

Pdc4 phospho S457 Antibody is tested by ELISA, immunohistochemistry, and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 62 kDa in size corresponding to phosphorylated Pdc4 protein by western blotting in the appropriate cell lysate or extract. This phospho-specific monoclonal antibody reacts with human Pdc4 pS457 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide.

**Isotype**

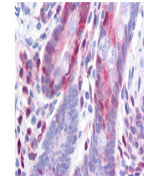
IgG1

**Clonality**

Monoclonal

**Purity**

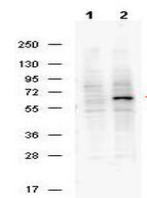
This product was purified from concentrated tissue culture supernate by Protein A chromatography. This antibody is specific for human Pdc4 protein phosphorylated at Ser457. A BLAST analysis was used to suggest cross-reactivity with Pdc4 from human, mouse, rat and Xenopus based on 100% homology with the immunizing sequence. Cross-reactivity with



Biorbyt Antibody orb344433 has been test...



Western blot using Biorbyt Protein A pur...



Western blot using Biorbyt's Protein A p...