

Product Datasheet

CDK9 (phospho-T29) antibody (orb345583)

Description

CDK9 (phospho-T29) antibody

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

ELISA, IP, 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 T29 in the human CDK9 protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.3 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 42 kDa in size corresponding to phosphorylated CDK9 protein by western blotting in the appropriate cell lysate or extract. This phospho-specific polyclonal antibody reacts with human CDK9 pT29 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide.

Isotype

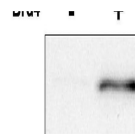
IgG

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 CDK9 protein phosphorylated at T29. A BLAST analysis was used to suggest cross-reactivity with CDK9 from human, mouse and rat based on 100% homology with



Western blot using Biorbyt's affinity pu...

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