# abcam

# Product datasheet

# PE Anti-CKII alpha antibody [EP1963Y] ab306328

Recombinant

RabMAb

# 1 Image

#### Overview

Product name PE Anti-CKII alpha antibody [EP1963Y]

**Description** PE Rabbit monoclonal [EP1963Y] to CSNK2A1

Host species Rabbit

**Conjugation** PE. Ex: 488nm, Em: 575nm

**Tested applications** Suitable for: Target binding affinity, Antibody labelling

**Immunogen** Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

General notes

This  $\underline{\textbf{conjugated primary antibody}}$  is released using a quantitative quality control method that

evaluates binding affinity post-conjugation and efficiency of antibody labeling.

For suitable applications and species reactivity, please refer to the unconjugated version of this

clone. This conjugated antibody is eligible for Abtrial: learn more  $\underline{\textbf{here}}.$ 

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information see here.

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**<sup>®</sup> **patents**.

#### **Properties**

Form Liquid

**Storage instructions** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Store

In the Dark.

Storage buffer pH: 7.40

Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA

Purity Protein A purified

**Clonality** Monoclonal

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Clone number EP1963Y

**Isotype** IgG

#### **Applications**

The Abpromise guarantee Our Abpromise guarantee covers the use of ab306328 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

#### **Target**

**Function** Casein kinases are operationally defined by their preferential utilization of acidic proteins such as

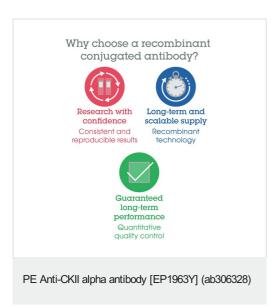
caseins as substrates. The alpha and alpha' chains contain the catalytic site. Participates in Wnt

signaling. CK2 phosphorylates 'Ser-392' of p53/TP53 following UV irradiation.

**Sequence similarities**Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CK2 subfamily.

Contains 1 protein kinase domain.

## **Images**



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