abcam

Product datasheet

APC Anti-CYP27A1 antibody [EPR7529] ab305863

Recombinant

RabMAb

1 Image

Overview

Product name APC Anti-CYP27A1 antibody [EPR7529]

Description APC Rabbit monoclonal [EPR7529] to CYP27A1

Host species Rabbit

Conjugation APC. Ex: 645nm, Em: 660nm

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 **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[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**[®] **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 EPR7529

Isotype IgG

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab305863 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 Catalyzes the first step in the oxidation of the side chain of sterol intermediates; the 27-

hydroxylation of 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol. Has also a vitamin D3-25-

hydroxylase activity.

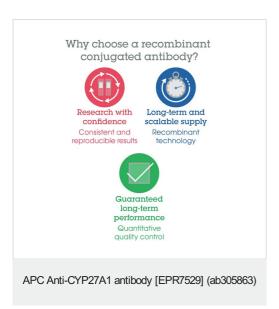
Pathway Hormone biosynthesis; cholecalciferol biosynthesis.

Involvement in disease Cerebrotendinous xanthomatosis

Sequence similarities Belongs to the cytochrome P450 family.

Cellular localization Mitochondrion membrane.

Images



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