abcam

Product datasheet

PE Anti-CD20 antibody [SP32] ab305647

Recombinant

RabMAb

1 Image

Overview

Product name PE Anti-CD20 antibody [SP32]

Description PE Rabbit monoclonal [SP32] to CD20

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 $\underline{\text{conjugated primary antibody}}$ 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/G purified

Purification notes Purified from TCS by protein A/G.

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Clonality Monoclonal

Clone number SP32

Isotype IgG

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab305647 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 This protein may be involved in the regulation of B-cell activation and proliferation.

Tissue specificity Expressed on B-cells.

Involvement in disease Defects in MS4A1 are the cause of immunodeficiency common variable type 5 (CVID5)

[MIM:613495]; also called antibody deficiency due to CD20 defect. CVID5 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of

circulating B cells is usually in the normal range, but can be low.

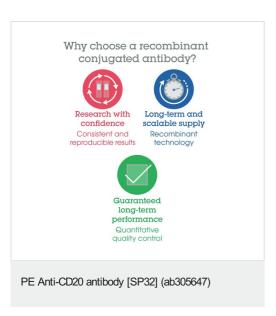
Sequence similarities Belongs to the MS4A family.

Post-translational modifications

Phosphorylated. Might be functionally regulated by protein kinase(s).

Cellular localization Membrane.

Images



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