abcam

Product datasheet

APC Anti-CD16 antibody [SP175] ab305744

Recombinant

RabMAb

1 Image

Overview

Product name APC Anti-CD16 antibody [SP175]

Description APC Rabbit monoclonal [SP175] to CD16

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 $\underline{\textbf{conjugated primary antibody}}$ 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[®] 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 SP175
Isotype IqG

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab305744 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 Receptor for the Fc region of lgG. Binds complexed or aggregated lgG and also monomeric lgG.

Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent

responses, such as phagocytosis.

Tissue specificity Expressed on natural killer cells, macrophages, subpopulation of T-cells, immature thymocytes

and placental trophoblasts.

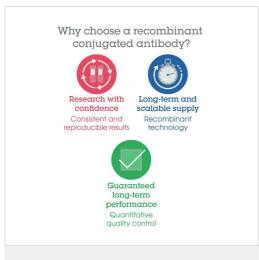
Sequence similarities Contains 2 lg-like C2-type (immunoglobulin-like) domains.

Post-translational Glycosylated. Contains high mannose- and complex-type oligosaccharides.

modifications The soluble form is produced by a proteolytic cleavage.

Cellular localization Cell membrane. Secreted. Exists also as a soluble receptor.

Images



APC Anti-CD16 antibody [SP175] (ab305744)

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