abcam

Product datasheet

APC Anti-CD42b antibody [SP219] ab305654

Recombinant RabMAb

1 Image

Overview

Product name	APC Anti-CD42b antibody [SP219]
Description	APC Rabbit monoclonal [SP219] to CD42b
Host species	Rabbit
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	**Suitable for:** Antibody labelling, Target binding affinity
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 **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.

Clonality	Monoclonal
Clone number	SP219
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab305654 in the following tested applications.

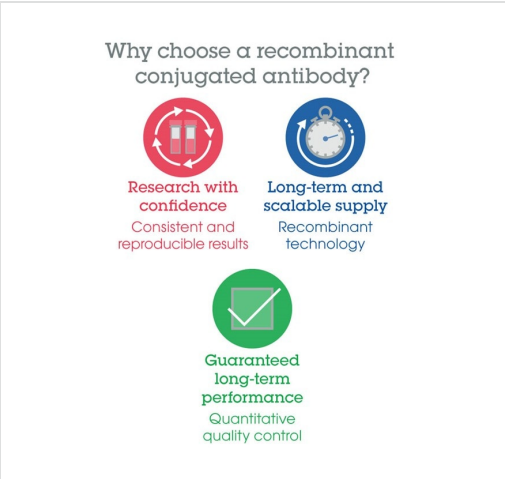
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

Function	GP-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium.
Involvement in disease	Non-arteritic anterior ischemic optic neuropathy Bernard-Soulier syndrome Bernard-Soulier syndrome A2, autosomal dominant Pseudo-von Willebrand disease
Sequence similarities	Contains 7 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
Post-translational modifications	Glycocalicin, which is approximately coextensive with the extracellular part of the molecule, is cleaved off by calpain during platelet lysis.
Cellular localization	Membrane.

Images



APC Anti-CD42b antibody [SP219] (ab305654)

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