

PE Anti-Biotin antibody ab106220

Overview

Product name	PE Anti-Biotin antibody
Description	PE Rabbit polyclonal to Biotin
Host species	Rabbit
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, anti-Phycoerythrin, Biotin conjugated IgG and Biotin conjugated Bovine Serum Albumin.
Tested applications	Suitable for: Flow Cyt, ICC/IF
Species reactivity	Reacts with: Species independent
Immunogen	Biotin conjugated to KLH.
General notes	<p>Conjugated to Phycoerythrin (240 kDa): Excitation wavelength 488; Emission wavelength 575.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 6.50 Preservative: 0.01% Sodium azide Constituents: 0.42% Tripotassium orthophosphate, 0.88% Sodium chloride, 1% BSA
Purity	Protein A purified
Purification notes	ab106220 was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab106220 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
Flow Cyt		1/100 - 1/250.
ICC/IF		1/100 - 1/250.

Target

Relevance Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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