

Product datasheet

FITC Anti-Biotin antibody ab53469

★★★★★ [1 Abreviews](#) [4 References](#) [1 Image](#)

Overview

Product name	FITC Anti-Biotin antibody
Description	FITC Rabbit polyclonal to Biotin
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Species independent
Immunogen	d-Biotin conjugated to KLH
General notes	<p>Fluorescein isothionate; Ab/FITC ratio=approximately 1/20.</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	Lyophilized: 1. Centrifuge the tube at 5000 rpm for 30 seconds to deposit the lyophilized powder to the tube bottom; 2. Add 100 uL of distilled water and shake gently for 10 minutes until the powder is completely dissolved; 3. Add 900 uL of 50% glycerol (in distilled water) and shake gently for 5 minutes until all liquid is completely mixed.
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 6 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab53469 in the following tested applications.

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

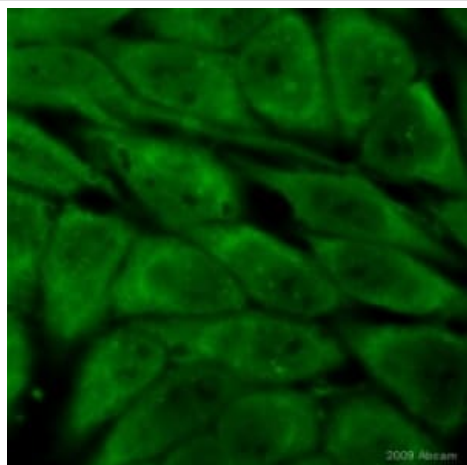
Application	Abreviews	Notes
ICC/IF	★★★★★ (1)	1/100.

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.

Images



ab53469 staining Biotin in human ovarian cells by Immunocytochemistry/ Immunofluorescence. Cells were fixed with formaldehyde, permeabilized with 0.1% Triton ×100 in PBS and blocking with 5% serum for 30min at 23°C was performed. Samples were incubated with primary antibody (1/100) for 1 hour at 23°C.

Immunocytochemistry/ Immunofluorescence - FITC

Anti-Biotin antibody (ab53469)

This image is a courtesy of Anonymous Abreview

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