

Product datasheet

Anti-Biotin antibody (FITC) ab53469

★★★★☆ 1 Abreviews 1 Image

Overview

Product name	Anti-Biotin antibody (FITC)
Description	Rabbit polyclonal to Biotin (FITC)
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	Reacts with free biotin and biotinylated proteins regardless of species.
Tested applications	Suitable for: ICC/IF
Immunogen	d-Biotin conjugated to KLH
General notes	Fluorescein isothionate; Ab/FITC ratio=approximately 1/20.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: None Constituents: 50% Glycerol, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

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.

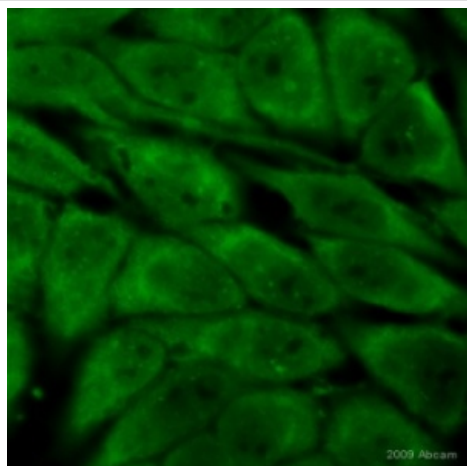
Application	Abreviews	Notes
ICC/IF	★★★★☆	1/100.

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 $\times 100$ in PBS and blocking with 5% serum for 30min at 23⁰C was performed. Samples were incubated with primary antibody (1/100) for 1 hour at 23⁰C.

Immunocytochemistry/ Immunofluorescence - Biotin antibody (FITC) (ab53469)

This image is a courtesy of Anonymous Abreview

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