

Product datasheet

Anti-Biotin antibody (TRITC) ab106226

Overview

Product name	Anti-Biotin antibody (TRITC)
Description	Rabbit polyclonal to Biotin (TRITC)
Host species	Rabbit
Conjugation	TRITC. Ex: 547nm, Em: 572nm
Specificity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Biotin conjugated IgG and Biotin conjugated Bovine Serum Albumin.
Tested applications	Suitable for: Flow Cyt, ICC/IF
Immunogen	Biotin conjugated to KLH.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.88% Sodium chloride, 1% BSA
Purity	Protein A purified
Purification notes	ab106226 was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106226** 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		1/2000 - 1/10000.

Application	Abreviews	Notes
ICC/IF		1/500 - 1/2500.

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.

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