

Biotin Anti-Fluorescein antibody ab6655

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概述

产品名称	生物素Anti-Fluorescein抗体
描述	生物素山羊多克隆抗体to Fluorescein
宿主	Goat
偶联物	Biotin
经测试应用	适用于: Dot blot, ELISA, IHC-P, IHC-Fr, Immunomicroscopy, In situ hybridization, WB
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to Fluorescein conjugated to bovine serum albumin.
常规说明	<p>Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.</p> <p>Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein Ratio: 10-20 BAC molecules per goat IgG molecule.</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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store In the Dark.
存储溶液	pH: 6.50 Preservative: 0.01% Sodium azide Constituents: 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride, 1% BSA
纯度	Affinity purified
纯化说明	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Fluorescein IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab6655于以下的经测试应用

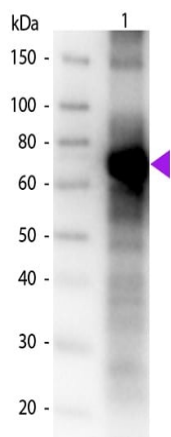
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Dot blot		Use at an assay dependent concentration.
ELISA		1/10000 - 1/50000.
IHC-P		1/1000 - 1/5000. PubMed: 26838601
IHC-Fr		1/1000 - 1/5000.
Immunomicroscopy		Use at an assay dependent concentration.
In situ hybridization		Use at an assay dependent concentration.
WB		1/2000 - 1/10000.

靶标

相关性 Fluorescein is a fluorophore commonly used to label proteins - protein-fluorescein conjugates are not usually susceptible to precipitation. In addition to its relatively high absorptivity, excellent fluorescence quantum yield and good water solubility, fluorescein has an excitation maximum of 494 nm that closely matches the 488 nm spectral line of the argon-ion laser, making it an important fluorophore for confocal laser-scanning microscopy and flow cytometry applications. Its fluorescence is pH sensitive and is significantly reduced below pH 7. Fluorescein emits most strongly between 500 and 550 nm, but it has a relatively broad emission spectrum reaching to over 600 nm. Several derivatives of fluorescein are commonly used, including FITC (fluorescein isothiocyanate), carboxylates and succinimidyl esters.

图片

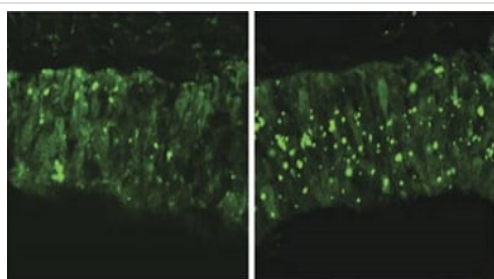


Western blot - Biotin Anti-Fluorescein antibody (ab6655)

Biotin Anti-Fluorescein antibody (ab6655) at 1/1000 dilution + BSA conjugated Fluorescein.

Secondary

Peroxidase conjugated Streptavidin secondary antibody at 1/40000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Biotin Anti-Fluorescein antibody (ab6655)

Cropped image from Long et al, Nature Communications, 7, 10354, Fig. 7a.; doi: 10.1038/ncomms10354 Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>

Immunohistochemical analysis of chicken embryo neuroepithelium labelling fluorescein-tagged morpholinos with ab6655. Samples were fixed in 4% paraformaldehyde at 4°C for 1 hour.

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

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