abcam

Product datasheet

Biotin Anti-Fluorescein antibody ab6655

3 References 画像数 2

製品の概要

製品名 Biotin Anti-Fluorescein antibody

製品の詳細 Biotin Goat polyclonal to Fluorescein

由来種 Goat 標識 Biotin

アプリケーション 適用あり: Dot blot, ELISA, IHC-P, IHC-Fr, Immunomicroscopy, In situ hybridization, WB

種交差性 交差種: Species independent

免疫原 Chemical/ Small Molecule corresponding to Fluorescein conjugated to bovine serum albumin.

特記事項 Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to

immediate use.

Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein Ratio: 10-20 BAC

molecules per goat IgG molecule.

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.

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

製品の特性

製品の状態 Liquid

保存方法 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.

パッファー pH: 6.50

Preservative: 0.01% Sodium azide

Constituents: 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride, 1% BSA

精製度 Affinity purified

特記事項(精製) 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.

ΙgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab6655の使用に適用されます アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

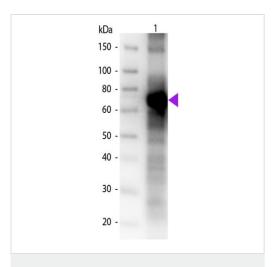
アプリケーション	Abreviews	特記事項
Dot blot		Use at an assay dependent concentration.
ELISA		1/10000 - 1/50000.
IHC-P		1/1000 - 1/5000. PubMed: 26838601
IHC-Fr		1/1000 - 1/5000.
Immunomicroscopy		Use at an assay dependent concentration.
In situ hybridization		Use at an assay dependent concentration.
WB		1/2000 - 1/10000.

ターゲット情報

関連性

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.

画像

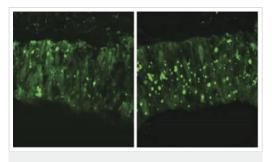


Western blot - Biotin Anti-Fluorescein antibody (ab6655)

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 paraffinembedded 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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