

Product datasheet

Anti-Fluorescein antibody (Texas Red) ab6654

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製品の概要

製品名	Anti-Fluorescein antibody (Texas Red)
製品の詳細	Goat polyclonal to Fluorescein (Texas Red)
由来種	Goat
標識	Texas Red [®] . Ex: 596nm, Em: 620nm
アプリケーション	適用あり: ELISA, Flow Cyt, WB, ICC/IF
免疫原	Fluorescein conjugated to Goat IgG
特記事項	<p>Texas Red[™] is a registered trademark of Molecular Probes Inc.</p> <p>Texas Red[™] Sulfonyl Chloride (Molecular Weight 625 daltons) Absorption Wavelength: 596 nm Emission Wavelength: 620 nm Fluorochrome/Protein Ratio: 2.9 moles Texas Red[™] per mole of Goat IgG.</p>

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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1% BSA</p>
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.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab6654** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
ICC/IF	★☆☆☆☆	Use at an assay dependent concentration.

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.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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