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Product datasheet

Rhodamine Anti-R Phycoerythrin/rpeA antibody ab34717

1 References

医薬用外劇物

製品の概要

製品名 Rhodamine Anti-R Phycoerythrin/rpeA antibody

製品の詳細 Rhodamine Goat polyclonal to R Phycoerythrin/rpeA

由来種 Goat

標識 Rhodamine. Ex: 550nm, Em: 570nm

特異性 This antibody recognizes R Phycoerythrin/rpeA conjugated lgG. It will also cross react with B

Phycoerythrin.

アプリケーション 適用あり: Immunomicroscopy, Flow Cyt, WB

種交差性 交差種: Red Algae

免疫原 Full length native protein (purified) corresponding to R Phycoerythrin/rpeA.

特記事項 Label: Tetramethylrhodamine isothiocyanate (TRITC) (Molecular Weight 444 daltons). Absorption

Wavelength: 550 nm. Emission Wavelength: 570 nm. Fluorochrome/Protein Ratio: 4.0 moles TRITC

per mole of Goat IgG.

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.

アマファー Preservative: 0.01% Thimerosal (merthiolate)

Constituents: 1% BSA, 0.42% Potassium phosphate, 0.87% Sodium chloride

精製度 Immunogen affinity purified

特記事項(精製) This antibody was purified from monospecific antiserun by immunoaffinity chromatography using

a R Phycoerythrin/rpeA coupled to agarose beads followed by solid phase adsorption to remove

any unwanted reactivities.

ポリ/モノ ポリクローナル

lgG

アプリケーション

アイソタイプ

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ab34717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
Immunomicroscopy		Use at an assay dependent dilution.
Flow Cyt		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Predicted molecular weight: 240 kDa.

ターゲット情報

関連性

Phycoerythrin is one of a series of fluorescent pigments known as phycobiliproteins, which are produced by red and blue green algae. It occurs in more than one form, and has found application in immunology and diagnostic medicine. B and R Phycoerythrins provide superior labeling compared to fluorescein and rhodamine, and are used for labeling antibodies, usually monoclonals. These dyes may also be coupled to enzymes and other proteins, nucleic acids, polypeptide hormones, drugs, etc. Since phycoerythrins absorb light maximally between 450 and 650nm they fill the need for an intense fluorescent dye in the longer wavelengths of the visible spectrum, thereby avoiding interference from naturally fluorescing biological substances. R Phycoerythrin (240 kDa) is a labile molecule that may dissociate into components upon exposure to reducing or denaturing agents.

細胞内局在

Plastid; chloroplast; chloroplast thylakoid lumen. Periphery of the rods of the phycobilisome.

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