

Product datasheet

Anti-R Phycoerythrin antibody (Alkaline Phosphatase) ab34729

製品の概要

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| 製品名 | Anti-R Phycoerythrin antibody (Alkaline Phosphatase) |
| 製品の詳細 | Goat polyclonal to R Phycoerythrin (Alkaline Phosphatase) |
| 由来種 | Goat |
| 標識 | Alkaline Phosphatase |
| アプリケーション | 適用あり: Dot blot, ELISA, WB |
| 免疫原 | R-Phycoerythrin from the seaweed gracilaria. |
| 特記事項 | Alkaline Phosphatase (from Calf Intestine, Molecular Weight 140 kDa). Conjugation Reference: Modified from Avrameas and Ternyrock, <i>Immunochemistry</i> 32; 1175 1971. |

製品の特性

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| 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. |
| バッファー | pH: 8.00 Preservative: 0.01% Sodium azide Constituents: 1% BSA, 50% Glycerol, 0.87% Sodium chloride, 0.79% Tris HCl, 0.0095% Magnesium chloride, 0.00136% Zinc chloride |
| 精製度 | Immunogen affinity purified |
| 特記事項 (精製) | Purified by immunoaffinity chromatography using a R-Phycoerythrin 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 **ab34729** 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 |
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| Dot blot | | |

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ELISA

WB

追加情報

ELISA: 1/1,000 - 1/5,000. Assayed against 1.0 ug of R-Phycoerythrin in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature.

WB: Use at an assay dependent dilution. Predicted molecular weight: 240 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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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