

## Product datasheet

# Anti-R Phycoerythrin antibody (Alkaline Phosphatase) ab34729

### 製品の概要

製品名	Anti-R Phycoerythrin antibody (Alkaline Phosphatase)
製品の詳細	Goat polyclonal to R Phycoerythrin (Alkaline Phosphatase)
標識	Alkaline Phosphatase
アプリケーション	<b>適用あり:</b> 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 Avaramas and Ternyrock, Immunochemistry 32; 1175 1971.

### 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.
バッファー	Preservative: 0.01% Sodium Azide Constituents: 50% Glycerol, 10mg/ml BSA, 0.15M Sodium chloride, 0.05M Tris HCl, 1mM Magnesium chloride, 0.1mM Zinc chloride, pH 8
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
Dot blot		
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.

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

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