

Product datasheet

Anti-R Phycoerythrin antibody (Biotin) ab34730

概述

产品名称	Anti-R Phycoerythrin抗体(Biotin)
描述	山羊多克隆抗体to R Phycoerythrin (Biotin)
偶联物	Biotin
特异性	This antibody will cross react with B Phycoerythrin. Reactivity with other phycobiliproteins is unknown.
经测试应用	适用于: Dot blot, WB, ELISA
免疫原	Full length protein Highly purified R Phycoerythrin from the seaweed gracilaria.
常规说明	10-20 Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) molecules per goat IgG molecule.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium Azide Constituents: 10mg/ml BSA, 0.15M Sodium chloride, 0.02M Potassium phosphate. pH 7.2 IgG and Protease free.
纯度	Immunogen affinity purified
纯化说明	This antibody was prepared from monospecific antiserum by immunoaffinity chromatography using R Phycoerythrin coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab34730** in the following tested applications.

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

应用	Ab评论	说明
Dot blot		Use at an assay dependent dilution.
WB		1/1000 - 1/3000. Detects a band of approximately 240 kDa.
ELISA		1/8000 - 1/32000.

靶标

相关性	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.
细胞定位	Plastid; chloroplast; chloroplast thylakoid lumen. Periphery of the rods of the phycobilisome.

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