



Datasheet for ABIN1043760 anti-B-Phycoerythrin antibody



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Overview

Quantity:	100 µg
Target:	B-Phycoerythrin
Reactivity:	Red algae (<i>Porphyridium cruentum</i>)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B-Phycoerythrin antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunomicroscopy (IM)

Product Details

Immunogen:	Phycoerythrin [<i>Porphyridium creumentum</i>] Immunogen Type: NativeProtein
Isotype:	IgG
Specificity:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Phycoerythrin [<i>Porphyridium creumentum</i>].
Sterility:	Sterile filtered

Target Details

Target:	B-Phycoerythrin
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Target Details

Alternative Name: B-Phycoerythrin ([B-Phycoerythrin Products](#))

Application Details

Application Notes: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

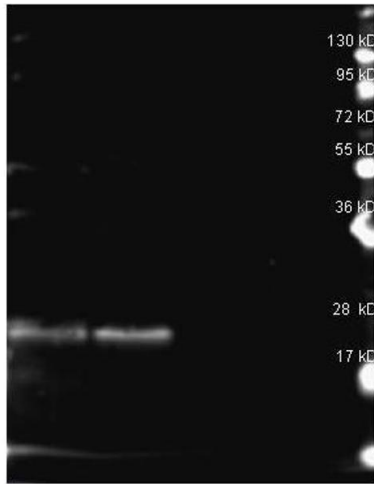
Storage: 4 °C/-20 °C

Storage Comment: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

Expiry Date: 12 months

Publications

Product cited in: Baek, Eling: "Changes in gene expression contribute to cancer prevention by COX inhibitors." in: **Progress in lipid research**, Vol. 45, Issue 1, pp. 1-16, (2006) ([PubMed](#)).



SDS-PAGE

Image 1. Rabbit anti B-Phycoerythrin antibody (200-4199 lot 25411) was used to detect B-Phycoerythrin under reducing (R) conditions. Reduced samples of purified Phycoerythrin contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:1000 dilution of anti B-Phycoerythrin antibody (200-4199 lot 25411 ON 4 C) and detection was using Dylight 649 conjugated Donkey anti rabbit (611-743-127 lot 20831 1:10K 1.5 hr RT in ABIN925618) and imaged on the BioRad VersaDoc System.