

Cat. No. **0557****PRODUCT SPECIFICATIONS****Product:** B-Phycoerythrin-conjugated\* Streptavidin**Code Number:** 016-100-084**Lot Number:** 31203**Physical State:** Freeze-dried powder**Size:** 1.0 ml**Phycobiliprotein Concentration:** 0.5 mg/ml (determined by absorption = 100.4 at 545 nm for a 1% solution for only those B-PE molecules to which at least one molecule of active antibody is bound)**Suggested Dilution Range:** 1:50 - 1:200 for most applications**Phycoerythrin Source:** Porphyridium cruentum**Buffer:** 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6**Stabilizer:** 15 mg/ml Bovine Serum Albumin**Preservative:** 0.01% Thimerosal, 0.05% Sodium Azide**Absorption maxima:** 490 nm, 545 nm, and 565 nm**Emission maximum:** 580 nm**Reconstitution and Storage:** Store product at 4°C until opened. After opening restore to 1.0 ml with distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. (To judge clarity, draw product into a clean pasteur pipette.) Store at 4°C - DO NOT FREEZE. After dilution do not use for more than one day. Expiration date: six months from date of reconstitution.**Caution:** Glycerol has been reported to denature PE. Although cells/sections may be mounted in glycerol containing media for short term viewing, exposure to glycerol for more than a few hours may lead to a decrease in fluorescence.**Note:** For research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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