

PRODUCT DATA SHEET

PRODUCT:	SEA BLOCK™ / EIA / WB READY TO USE BLOCKING REAGENT (EIA / WESTERN BLOT FORMULATION)
CATALOG NUMBER:	PP81
LOT NUMBER:	Q2841
DESCRIPTION:	A non-mammalian blocking reagent supplied in PBS for diagnostic systems involving membrane or other solid phase material. This new reagent imparts superior stability and flow characteristics, while utilizing proteins that do not interact with mammalian antibodies.
FORM:	Liquid
pH:	7.4
PRESERVATIVE:	0.09% Sodium Azide
DILUTION:	Use at 1 x concentration as well as further dilution's which are dependent upon specific users application.
STORAGE:	2-8°C
EXPIRATION DATE:	4/2012

This product is intended for research and manufacturing uses only. It is not a diagnostic device. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.

ORDERING INFORMATION

Orders may be placed by phone, fax, or mail.
Please provide Part Number, Description, Quantity Desired, and Purchase Order Number.

THANK YOU. YOUR BUSINESS IS APPRECIATED



EastCoast Bio, Inc.
211 Wells Street
P.O. Box 489
North Berwick, ME 03906

P 207.676.7639
F 207.676.7658
E info@eastcoastbio.com
www.eastcoastbio.com

INSTRUCTIONS FOR USE OF **SEA BLOCK™** BLOCKING REAGENTS

PRODUCT NUMBER - PP81, SEA BLOCK™
PP82, AQUA BLOCK™

Non-Mammalian Blocking Reagent in PBS containing 0.09% sodium azide

RE: BACKGROUND

Numerous solutions containing proteins are used and recommended for blocking of excess binding sites in ELISA, blotting, immunohistochemistry and other immunochemical applications. **Sea Block™** utilizes proteins that do not interact substantially with mammalian antibodies and therefore will display little or no background.

RE: USAGE

This blocking solution should be used directly in your ELISA plates or blots. If a decrease in signal is noted, further dilutions of the solution may restore the signal. The optimum use of the solution in your system will best be established by experimentation.

RE: USUAL PROTOCOL

- a. Add the blocking solution to the ELISA wells, blotting membrane or immunohistochemical slide.
- b. Incubate 30 minutes to 2 hours at either room temperature or 37° C.
- c. Continue with other reagents after the blocking according to your own protocol.

Using this blocker as a diluent with HRP conjugates may decrease your signal since this blocker contains sodium azide. Using Sea Block™ at a 1:10 dilution with Pierce's SuperSignal® Ultra Chemiluminescent Substrate should maintain low backgrounds with no decrease in signal.

STORE THIS PRODUCT AT 4° C.