

PRODUCT DATA SHEET

PRODUCT:	SEA BLOCK™ / Serum Free READY TO USE BLOCKING REAGENT
CATALOG NUMBER:	PP83
LOT NUMBER:	R2001
DESCRIPTION:	A proprietary 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 ± 0.2
PRESERVATIVE:	0.05% ProClin 300
DILUTION:	Use at 1 x concentration as well as further dilution's which are dependent upon specific user's application.
STORAGE:	2-8°C
EXPIRATION DATE:	7/2012

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.

INSTRUCTIONS FOR USE OF **SEA BLOCK™**/ Serum Free

PRODUCT NUMBER –PP83

A Proprietary Blocking Reagent in PBS.

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™/Serum Free 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 will not decrease your signal since this blocker contains no sodium azide. Using Sea Block™ /Serum Free 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.