

PRODUCT USER GUIDE

SEA BLOCK®

PBS- or Tris-based blocking buffer



PRODUCT

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DESCRIPTION

Sea Block® is a non-mammalian blocking buffer derived from responsibly farmed Atlantic salmon (*Salmo salar*). It presents an excellent alternative to traditionally used blocking buffers as a universal blocking solution that prevents non-specific binding. Sea Block® improves sensitivity and specificity of assays, offers low fluorescence to minimize background interference, and shows low cross-reactivity.



STORAGE

Product is shipped cold. Upon receipt, refrigerate at 4-8°C. To prevent formation of a precipitate and product degradation, do not store below 4°C. Avoid prolonged exposure to light.

INGREDIENTS

Phosphate buffered saline (PBS) or Tris buffered saline (TBS)

Atlantic salmon (*Salmo salar*) proteins

Upon request, ProClin 300 ($\leq 0.05\%$) or sodium azide (0.09%)

QUALITY INFORMATION

This product is made from natural ingredients and color may vary from lot to lot, dyes are not added. Color may vary from clear to pale pink or yellow. Each lot is supported with a Certificate of Analysis.

USAGE RECOMMENDATIONS

Sea Block® is 0.22 μm filter sterilized and ready to use.

The exact protein concentration is provided in the Certificate of Analysis for each lot. If a more dilute solution is desired, Sea Block® can be diluted to 1:10 or higher.

Add Sea Block® blocking buffer to plates, membranes, or slides prior to starting assay, incubate and run assay as desired.

ADDITIONAL INFORMATION

10X concentrated and customized formulations are also available. Contact us with questions and general inquiries (+1-207-747-0116). Visit our website to view related products (www.salmonics.co).

Please follow the above instructions to ensure optimal product performance. This product is intended for research and development use only.

Sea Block® is a registered trademark of Salmonics LLC.