P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

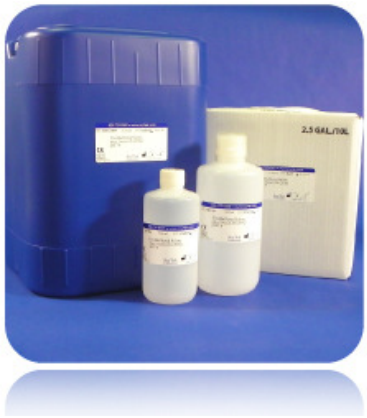
Pro-Block

Description: Pro-Block has been developed to use with immunolabeling techniques for the reduction of nonspecific background staining. The need to match species with the secondary antibody is eliminated with this product. Pro-Block has been shown to be effective for immunohistochemical, ELISA, blot and In-situ techniques and requires no mixing or diluting.

Appearance: Translucent liquid.

pH: 7.4±0.1

Uses/Limitations:
Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Immunologic applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.



Ordering Information and Current Pricing at www.scytek.com

Availability:

Item #	Volume
PBK125	125 ml
PBK500	500 ml
PBK999	1000 ml
PBK010	10 Liters
PBK-20000	20 Liters

Storage: Store at 2-8°C.

Precautions:
Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Procedure (Immunohistochemical):

1. Incubate tissue section for 5 minutes at either room temperature or 37° C prior to application of the primary antibody. After incubation, rinse once in buffer (Note: do not incubate tissue sections in excess of 10 minutes or a reduction in desired staining may occur).

2. *** For bulk staining, pour Pro-Block in a covered staining tray and dip slides for 5 minutes. Replace with fresh Pro-Block after 5-10 uses. This step can be performed at the time of deparaffinization is desired. ***

3. For antibodies with particularly high background staining, dilute Pro-Block in PBS (1:5-10) and use as a wash buffer in addition to the blocking step.

Storage: 2° C 8° C

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Procedure (ELISA):

1. Incubate microtiter well for 2-10 minutes prior to addition of sample. Rinse, and continue procedure. (Note: do not incubate in excess of 10 minutes).

References:

1. Underkoffler, Lara A., Erikka Carr, Anthony Nelson, Matthew J. Ryan, Reiner Schultz, and Kathleen M. Loomes. "Microarray Data Reveal Relationship between Jag1 and Ddr1 in Mouse Liver." PloS one 8, no. 12 (2013): e84383.

2. Cavalla, Franco, Montserrat Reyes, Rolando Vernal, Carla Álvarez, Rodolfo Paredes, Jocelyn García-Sesnich, Magdalena Infante, Valeska Fariña, Ignacio Barrón, and Marcela Hernández. "High Levels of CXC Ligand 12/Stromal Cell–derived Factor 1 in Apical Lesions of Endodontic Origin Associated with Mast Cell Infiltration." Journal of endodontics 39, no. 10 (2013): 1234-1239.

3. Oben, Jude A., Shiqi Yang, Huizhi Lin, Mafasumi Ono, and Anna Mae Diehl. "Norepinephrine and neuropeptide Y promote proliferation and collagen gene expression of hepatic myofibroblastic stellate cells." Biochemical and biophysical research communications 302, no. 4 (2003): 685-690.

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