

Signal Booster - Signal Enhancer for Western Blotting and ELISA

Signal booster is a signal enhancer that has been developed to resolve the problems of low sensitivity and high background often encountered during procedures such as Western Blotting and ELISA. Before performing your next Western Blot detection protocol simply dilute antibodies with Signal Booster instead of conventional diluents such as PBS or TBS to get a stronger signal and reduce background. The reagent can be used for a variety of immunoreaction-related detection systems. Signal Booster consists of two types of cocktail solutions: Solution A for Primary antibodies and Solution B for secondary antibodies.

Principle

The main component of Signal Booster is a certain polymer and proteins. These components change the surface physio-chemical properties of antigens and antibodies, enhance the chance of encountering, and enhance the specific binding of antigen and antibody. By the same mechanism, these components reduce the non-specific binding and reduce background. As a result, you can get higher signal with lower background.

Characteristics

▶ Stronger signal and lower background as compared to ordinary methods

Compared to the ordinary method using detergent containing buffer solution, you can get up to 10-fold stronger signals.

▶ Strong signal compared to similar products

▶ Wide variety of applications

Signal Booster can be used for Western Blotting, ELISA and other related detection systems. Since the product does not affect the activities of HRP or ALP, you can use antibodies and antigens labelled by these enzymes. The product can also be used for systems using luminescence, fluorescence and others.

▶ Easy to use

Signal Booster is made ready-to-use. You simply dilute antibodies with the product.



Ordering Information

Product #	Content
BCL-105	Solution A&B each 50ml
BCL-110	Solution A&B each 100ml
BCL-125	Solution A&B each 250ml
BCL-110A	Solution A 100ml
BCL-110B	Solution B 100ml
BCL-125A	Solution A 250ml

For more information, please contact your local distributor:

Signal Booster Immunostain

A signal enhancing cocktail designed for immunostaining. The Signal Booster Immunostain has been developed to resolve problems with low sensitivity and high background often encountered during immunostain procedures such as immunohistochemistry (IHC) and immunocytochemistry. This ready-to-use enhancing solution for immunohistochemical staining does not add steps to the workflow because it is used to dilute the primary and secondary antibodies. Diluting the antibodies with Signal Booster Immunostain instead of conventional diluents such as PBS or TBS before performing your next IHC experiment enhances the signal and reduces background.

Principle

The main component of Signal Booster Immunostain is a certain polymer and proteins. These components change the surface physio-chemical properties of antigens and antibodies, enhance the chance of encountering, and enhance the specific binding of antigen and antibody. By the same mechanism, these components reduce the non-specific binding and reduce background. As a result, you can get a stronger signal with lower background.

Characteristics

▶ Stronger signal and lower background as compared to ordinary methods

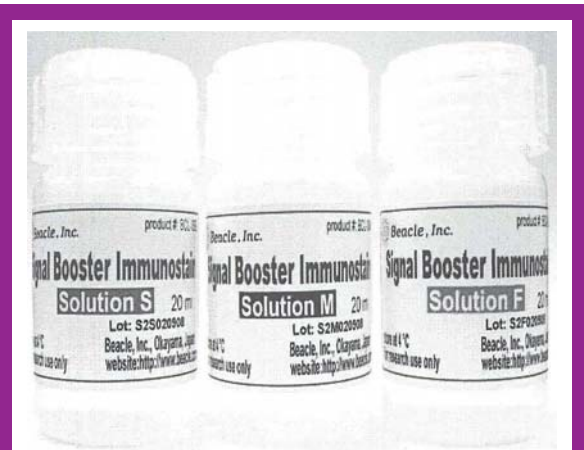
As compared to the ordinary method using detergent-containing buffer solution, you can get stronger signals and lower background.

▶ Wide variety of antibodies can be used

The performance of Signal Booster Immunostain can be seen regardless of the origin and subclass of the antibody.

▶ Easy to use

Simply replace your current antibody dilution buffer with Signal Booster Immunostain (unlike other signal enhancement methods which require additional steps).



Ordering Information

Signal Booster Immunostain consists of the following three solutions:

Solution F: designed specially to reduce the background more, and suitable for observing the details of preparations using relatively good antibodies.

Solution M: shows the medium characteristics of Solution F and S and suitable for first trial.

Solution S: designed to get a stronger signal and suitable for getting strong signals regardless of background.

Product #	Components	Content
BCL-IS	Solution F, M, S Set	10ml each
BCL-ISF	Solution F	20ml
BCL-ISM	Solution M	20ml
BCL-ISS	Solution S	20ml

**BCL-IS is the 'Starter Kit'
used to select the best solution**

Distributed by



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