Product datasheet

Protein Block ab156024

1 References

Overview

Product name

Protein Block

Tested applications

Suitable for: WB, IHC-Fr, IHC-P, ELISA

General notes

Protein Block has been developed to use with immunolabeling techniques for the reduction of nonspecific background staining while simultaneously reducing the handling of animal serums in the laboratory. The need to match species with the secondary antibody is eliminated due to the lack of normal serum in this product. Protein Block has been shown to be effective for immunohistochemical, ELISA, blot and In-situ techniques and requires no mixing or diluting.

Reagent: 60 ml

Procedure:

Immunohistochemistry:

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 (Optional) (NOTE: Do not incubate tissue sections in excess of 10 minutes or a reduction in desired staining may occur).

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

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

ELISA:

Add Protein Block to microtiter well and incubate for 2-10 minutes prior to addition of sample. Rinse, and continue procedure. (NOTE: Do not incubate in excess of 10 minutes).

Chemiluminescent Blot:

Protein Block has been reported to be an effective blocker for this technique with incubation times of one hour at room temperature or overnight at 4°C.

IHC Protocol Summary

Abcam has not and does not intend to apply for the REACH Authorisation of customers’ uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.
Properties

Form: Liquid

Storage instructions: Store at +4°C.

Storage buffer: Constituents: 0.002% Potassium chloride, 1% BSA, 1% Sodium chloride, 1% Gelatin, 1% Triton-X-100, 0.014% Dibasic monohydrogen sodium phosphate, 1% Monobasic dihydrogen potassium phosphate

Applications

Our Abpromise guarantee covers the use of ab156024 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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