

Minute™ Ab Enhancer

Cat. No. WA-002

Description

Minute™ ab Enhancer is able to significantly increase the sensitivity of commonly used immunoassays such as Western blotting, ELISA and immunohistochemistry. The enhancer can reduce the amount of primary and secondary antibodies used due to higher antibody dilution employed, a significant saving of expensive antibodies. The signal intensity can be increased several fold in immunostaining applications with chromogenic or ECL substrates.

Major Features: Save expensive antibodies. Enhance signal intensity. Ready and easy to use, BSA and preservative-free, room temperature shipping and long shelf life (>2 years at 4°C).

Protocol

1. Dilute primary antibody with the enhancer for subsequent immunoassays such as WB, ELISA and immunohistochemistry (antibody dilution is usually 2- to 10-fold beyond normal). The actual antibody dilution for a particular antibody needs to be determined experimentally.
2. For Western blotting, it is recommended to block the membrane in 5% non-fat milk in 1 X PBS or Tris-NaCl buffer for at least 2h at RT or overnight at 4°C.
3. If background is an issue, dilute the antibodies further and wash the membrane extensively. The amount of enhancer used depends on the size of the blot. For 10 X 10 blot usually 2 ml diluted antibody is sufficient. Transfer the diluted antibody solution onto a clean and flat glass/plastic surface, place the blot face down and incubated for at least 1h at RT or at 4°C overnight (for longer incubation it is recommended to place the blot in a humidity chamber to prevent evaporation).
4. After primary antibody incubation wash the blot using standard method and perform subsequent steps of Western blotting.
5. The antibody enhancer can also be used to dilute secondary antibody but significantly higher dilution should be used otherwise higher background could be a problem. For a particular secondary antibody, the optimal dilution needs to be determined experimentally. Usually dilution of primary antibody with the enhancer is sufficient to generate satisfactory result.

Package: 30 ml

Shipping and storage: Ship and stored at ambient temperature