

PRODUCT INFORMATION

Anti-Collagenase (*C. histolyticum*) antibody

Product Description:

General Anti-Collagenase (*Clostridium histolyticum*) polyclonal antibody is produced in sheep against clostridial Collagenase NB. Clostridial collagenase consists of several collagenase isoforms which are recognized by the antibody. The IgG fraction of the serum is purified by protein G affinity chromatography. Collagenase NB from *Clostridium histolyticum* is used for isolation of cells from various tissues.

Specification Antigen: Collagenase NB from *Clostridium histolyticum*.

Polyclonal antibody produced in sheep.
 IgG fraction purified by protein G affinity chromatography.
 100 µg IgG in solution in PBS with 0.01 % sodium azide.

Application The antibody is tested for use in Western blot or ELISA. The antibody is intended for *in vitro* research only, not for use in humans.

Storage conditions Anti-Collagenase antibody is provided as frozen solution which should be stored in aliquots at -15 to -25 °C or -80 °C. Thaw at 4 °C. Avoid freeze and thaw cycles. Alternatively, an equal volume of glycerol can be added for a final concentration of 50 % followed by storage at -15 to -25 °C. Please note that the concentration of the antibody will be one half after the addition of glycerol.

Instructions for use:

General Anti-Collagenase antibody is tested in Western blot and ELISA application. Optimal dilutions of the antibody depend on experimental conditions and have to be optimized for each protocol.

Suggested dilution range 1:5,000 – 1:100,000
 for ELISA and Western blotting with chromogenic substrates

1:10,000 – 1:200,000
 for Western blotting with ECL substrates

Not tested for immunohistochemistry or immunofluorescence

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