

## PRODUCT INFORMATION

**Anti-Collagenase (*C. histolyticum*) HRP antibody**    **Cat. No. S5805101**

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### Product Description:

**General**      Anti-Collagenase (*Clostridium histolyticum*) HRP 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 affinity chromatography and subsequently conjugated with horseradish peroxidase. Collagenase NB from *Clostridium histolyticum* is used for isolation of cells from various tissues.

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**Specification**    Antigen: Collagenase from *Clostridium histolyticum*.  
Polyclonal antibody produced in sheep.  
IgG fraction purified by affinity chromatography.  
100 µg IgG in solution in PBS with 50 % glycerine and 0.1 % thymol.

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**Application**      The antibody is tested for use in ELISA.  
The antibody is intended for *in vitro* research only, not for use in humans. If an unconjugated collagenase antibody is required, Anti-Collagenase (*C. histolyticum*) antibody from sheep (Cat. No. S5805001) is recommended.

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**Storage conditions**    Anti-Collagenase HRP antibody is provided as solution with 50% glycerol which should be stored at -15 to -25 °C.

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### Instructions for use:

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

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**Suggested dilution range**    1:5,000 – 1:100,000  
for ELISA with chromogenic substrates  
1:10,000 – 1:200,000  
for ELISA with ECL substrates  
Not tested for immunohistochemistry or immunofluorescence.

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**Important note**      Anti-Collagenase HRP antibody is intended for research use only.

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