

NEUROMICS

C-Reactive Protein Data Sheet

Catalog Number:	GT15086	Host:	Goat
Product Type:	Affinity purified	Species Reactivity:	Rat
Immunogen Sequence:	Purified, NS0-derived, recombinant rat C-Reactive Protein (rrCRP).	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose
Applications:	Immunohistochemistry : 2-15 µg/mL Western Blot: 0.1 - 0.2 µg/mL Direct ELISA: 0.5 - 1.0 µg/mL		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. *Avoid repeated freeze-thaw cycles.*

Application Notes

Specificity

This antibody has been selected for its ability to recognize rat CRP in the applications listed below.

Western blot

This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect rat CRP. The detection limit for rrCRP is approximately 0.5 ng/lane and 2 ng/lane under non-reducing and reducing conditions, respectively. In this format, this antibody shows approximately 20% cross-reactivity with rmCRP and 10% cross-reactivity with rhCRP.

Immunohistochemistry

This antibody will detect rat CRP in tissues. The working dilution is 2 - 15 µg/mL. For chromogenic detection of labeling, use R&D Systems Cell and Tissue Staining Kits (CTS series).

Direct ELISA

This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect rat CRP. The detection limit for rrCRP is approximately 0.3 ng/well.

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