



# DataSheet

**CATALOGUE #:** 4CC5

**PRODUCT NAME:** Monoclonal mouse anti-canine C-reactive protein (cCRP)

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**MAbs *in vitro*:** cCRP1cc, cCRP11cc, cCRP34cc

**MAbs *in vivo*:** cCRP3

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with canine C-reactive protein (whole molecule).

**MAb isotypes:** **IgG1** for MAbs cCRP1cc, cCRP11cc, cCRP34cc  
**IgG2b** for MAb cCRP3

**Applications:** Immunoassays for quantitative determination of canine CRP.

MAbs cCRP1cc, cCRP11cc and cCRP34cc are recommended for sandwich type immunoassays. Recommended pairs for cCRP detection in canine serum are (capture – detection): cCRP11cc – cCRP1cc, cCRP34cc – cCRP1cc.

MAb cCRP3 can be used in direct or indirect ELISA.

MAb cCRP3 recognizes canine CRP in Western blotting under both reducing and non-reducing conditions.

**Purification:** Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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