

CATALOGUE #: 4CC5

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

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 (NaN₃)

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.