

CATALOGUE #: 4C28 / 4C28cc

PRODUCT NAME: Monoclonal mouse anti-human C-reactive protein (high sensitivity CRP)

MAbs *in vitro*
(Cat.# 4C28cc):

C2cc, C4cc, C6cc, CRP30cc, CRP135cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs *in vivo*
(Cat.# 4C28):

C1, C3, C5, C7, CRP11, CRP36, CRP169

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Human CRP

Specificity: Human C-reactive protein

MAb isotypes: **IgG1** for C2cc, C3, C4cc, C5, C7, CRP11, CRP30cc

IgG2a for C6cc, CRP36, CRP169

IgG2b for C1, CRP135cc

Applications:

Human C-reactive protein immunodetection in direct ELISA, high sensitivity sandwich immunoassay, competitive immunoassays, turbidimetric assays, immunoaffinity purification, immunohistochemistry.

C1, CRP11, CRP36 and CRP169 recognize human CRP also in Western blotting.

Recommended pairs for hsCRP sandwich immunoassay:

Capture	Detection
C2cc	C6cc
C5	CRP135cc
C5	C6cc
C7	C6cc
CRP30cc	CRP135cc

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.