CATALOGUE #: 4C28 / 4C28cc

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

M Abs in vivo (Cat.# 4C28):
C1, C2, C3, C4, C5, C6, C7, CRP11, CRP30, CRP36, CRP135, CRP169

M Abs in vitro (Cat.# 4C28cc):
C2cc, C6cc, CRP30cc

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human CRP, derived from pleural/ascetic fluid or plasma.

Specificity: Human C-reactive protein

M Ab isotypes:
- IgG1 for M Abs C2, C2cc, C3, C4, C5, C7, CRP11, CRP30, CRP30cc
- IgG2a for M Abs C6, C6cc, CRP36, CRP169
- IgG2b for M Abs C1, CRP135

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

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

Recommended pairs for hsCRP sandwich immunoassay:

<table>
<thead>
<tr>
<th>Capture</th>
<th>Detection</th>
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<tbody>
<tr>
<td>C2cc</td>
<td>C6cc</td>
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<tr>
<td>C5</td>
<td>CRP135</td>
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<tr>
<td>C5</td>
<td>C6cc</td>
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<tr>
<td>C7</td>
<td>C6cc</td>
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<tr>
<td>CRP30cc</td>
<td>CRP135</td>
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Purification: Chromatography on protein A Sepharose

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 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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