ImmunoBioScience Corp. (IBSC) *DATA SHEET*

C-reactive protein, Polyclonal rabbit anti-human

**Catalog number:** RP-4004-01 0.5 ml Concentrated Ig 1 mg/ml

RP-4004-02 1.0 ml Concentrated. Ig 1 mg/ml

RP-4004-04 7.0 ml Prediluted for IHC Ig ~ 7µg/ml

**Description:** C-reactive protein (CRP) is a plasma protein, an accurate phase protein produced by the liver and by adiposities. CRP is used mainly as a marker of inflammation. Measuring and charting C-reactive protein values can prove useful in determining disease progress or the effectiveness of treatments. in blood. CRP is used mainly as a marker of inflammation. Measuring and charting C-reactive protein values can prove useful in determining disease progress or the effectiveness of treatments. Viral infection tends to give a lower CRP level than bacterial infection. CRP is a general marker for inflammation and infection, so it can be used as a very rough proxy for heart disease risk. The role of inflammation in cancer is not well known. Some organs of the body show greater risk of cancer when they are chronically inflamed

**Buffer**: 10 mM Tris-HCl, 150 mM NaCl, antibody purified on DEAE anion exchange chromatography. Purity: >95% on SDS page.

**Host**: Rabbit

**Reagent:** Conc. antibody

**Storage:**  2-8oC.

**Immunogen:** Purified human C-reactive protein.

**Molecular weight of antigen:** 25 KDa

**Positive control:** Human liver

**Cellular localization:** Cytoplasmic

**Species reactivity:** Human, others not tested

**Epitope:** Not determined

**Specificity:** This antibody reacts with human C-reactive protein and does not react with other serum proteins.

**Application**: Immunohistochemistry (IHC) on formalin fixed paraffin embedded (FFPE) tissue sections, 1:50-1:200 using polymer system or streptavidin biotin system, 30 mins. at room temp. WB: 1:100-1:1000. The optimum conditions should be determined by the individual lab.

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**Limitation and warranty:** Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

**MSDS:** This product contains 0.05 % sodium azide as a preservative, appropriate care should be taken in handling. National Institute of Occupational Safety and Health has warning that sodium azide can react with lead, copper, brass or solder in the plumbing system and forms hydrazoic acid in acidic condition. Discard with copious amount of water. Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat , gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

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