



Antibody Specification Sheet

Anti-Human Interleukin 1 Receptor Antagonist (hIL-1RA) - Biotin

Catalog reference: PS1-B

Size: 0.2 mg



Antibody Information:

Antigen: human recombinant interleukin 1 receptor antagonist (hIL-1RA).

Ig Class: rb IgG.

Form: biotin conjugated.

Specificity: recognizes human IL-1RA. Does not recognize hIL-1 α , hIL-1 β or a

panel of other human cytokines.

Antibody Source: sera from immunized rabbits

Purification: Protein A agarose chromatography.

Purity: \geq 95% rbgG fraction.

Formulation: provided as a 0.2 μ m sterile-filtered solution

in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% sodium azide.

Concentration: 1 mg/ml.

Recommendations: ELISA.

Storage conditions: store undiluted at 4 °C or in aliquots at \leq - 20 °C.

Applications:

ELISA: This antibody has been used as a solution-phase antibody at 2 μ g/ml in a two-site ELISA with AS17-P. Typically the ELISA has a working range of 27-20000 pg/ml and a sensitivity of <5 pg/ml with the appropriate

standard. Recommended sample volumes are 25-200 μ l. Recovery of hIL-1RA in human plasma is typically > 85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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