

IL1RN

Mouse Anti-Human Interleukin-1 Receptor Antagonist Clone A71B6D11 Biotin mAb

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| Catalog No. | CMI177 | Quantity: | 100 µg |
| Description: | Mouse Anti-Human Interleukin-1 Receptor Antagonist Clone A71B6D11 Biotinylated Monoclonal Antibody <i>Background:</i> Interleukin-1 Receptor Antagonist (IL1RN) is a member of the Interleukin-1 cytokine family. IL1RN inhibits the activities of Interleukin-1 alpha (IL1A) and Interleukin-1 beta (IL1B), and modulates a variety of IL1 related immune and inflammatory responses. IL1RN and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of the <i>IL1RN</i> gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. | | |
| Concentration: | 0.5 mg/mL | | |
| Specificity: | Recognizes native and recombinant human IL-1RA | | |
| Host: | Mouse | | |
| Immunogen: | Recombinant human IL-1RA | | |
| Isotype: | IgG | | |
| Clone: | A71B 6D11 | | |
| Conjugate: | Biotin | | |
| Formulation: | Liquid in a buffer of 0.1 M PBS, pH 7.5 + 0.5% BSA + 0.05% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only. | | |
| Purification: | Protein A affinity chromatography | | |
| Applications: | ELISA | | |
| Application Notes: | Immediately prior to use as a detection antibody in sandwich ELISA, dilute this preparation to a concentration of 0.1-1.0 µg/mL in an appropriate buffer, and add 100 µL into each well of a microtiter plate. A suitable buffer is PBS supplemented with 0.1-1.0% BSA. A preservative, such as 0.05% Sodium Azide, may also be included. The optimal concentration should be determined by the user for each specific application. | | |
| Storage & Stability: | Store at 2-8°C. | | |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

