

Rev05
Update: Jan,07,2025

DATASHEET

Anti-Rituximab Antibody, pAb, Rabbit

Cat. No.: A01918

Overview

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|---------------------|---|
| Specificity | The product is specific for Rituximab. This antibody serves as an excellent positive control for Rituximab immunogenicity (ADA) assays. |
| Host Species | Rabbit |
| Immunogen | Rituximab |
| Conjugate | Unconjugated |

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentration may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

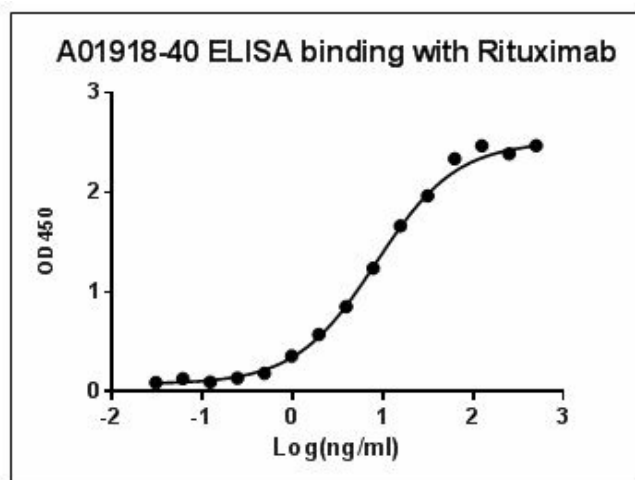
| Application | Recommended Usage |
|--------------------|--------------------------|
| ELISA | 0.01-0.1 µg/ml |

Properties

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|-----------------------------|--|
| Form | Lyophilized |
| Storage Buffer | lyophilized with PBS, pH 7.4, containing 0.02% sodium azide. |
| Reconstitution | Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/mL. |
| Storage Instructions | The lyophilized product remains stable up to 1 year at -20°C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8°C or for up to 12 months at -20°C or below. Avoid repeated freeze and thaw cycles. |
| Purification | Antigen affinity purification |
| Isotype | Rabbit IgG |

| | |
|------------------|---|
| Clonality | Polyclonal |
| Clone ID | Not applicable |
| Note | GenScript can customize this product per customer's request including product size, buffer components, etc. |

Examples



Anti-Rituximab Antibody, pAb, Rabbit (GenScript, A01918-40) binds with Rituximab.

Coating antigen: Rituximab. 1 µg/ml.

Anti-Rituximab Antibody, pAb, Rabbit (GenScript, A01918-40) dilution start from 500 ng/ml.

EC₅₀= 8.384 ng/ml.

Background

Target Background : Rituximab (Rituxan) is a humanized monoclonal antibody that is approved by the U.S. Food and Drug Administration for the treatment of patients with certain autoimmune diseases and types of cancer, such as non-Hodgkin's lymphoma, chronic lymphocytic leukemia, rheumatoid arthritis, idiopathic thrombocytopenic purpura, and pemphigus vulgaris. Rituximab is a chimeric monoclonal antibody against the protein CD20, which is primarily found on the surface of immune system B cells. When it binds to this protein it triggers cell death.

Synonyms : Rabbit polyclonal to Rituxan

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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