

MonoRab™ Anti-Rituximab Antibody (194D7), mAb, Rabbit

Cat. No.: A01943-40**Host:** Rabbit**Size:** 40 µg**Ig Subclass:** IgG**Clone:** 194D7**Immunogen:** Rituximab**Purification:** Protein A affinity column**Conjugation:** Unconjugated**Version:** 12/8/2017

PRODUCT INFORMATION

Description

Rituximab was approved for medical use in 1997. It is on the World Health Organization's List of Essential Medicines, the most effective and safe medicines needed in a health system. Rituximab, sold under the brand name Rituxan among others, is a medication used to treat certain autoimmune diseases and types of cancer. It is used for non-Hodgkin's lymphoma, chronic lymphocytic leukemia, rheumatoid arthritis, idiopathic thrombocytopenic purpura, pemphigus vulgaris and myasthenia gravis. 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.

Specificity

The product is specific for Rituximab. The antibody is recommended as a detection antibody in a pharmacokinetic (PK) bridging assay with capture antibody GenScript, A01942-40, MonoRab™ Anti-Rituximab Antibody (137C6), mAb, Rabbit.

Concentration

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide. (It may be customized for bulk orders.)

Note

GenScript can customize this product per the customer's request including product size, buffer components, etc.

Reconstitution

Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.

Storage

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 freezing and thawing cycles.

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

** For non-clinical research use only. **

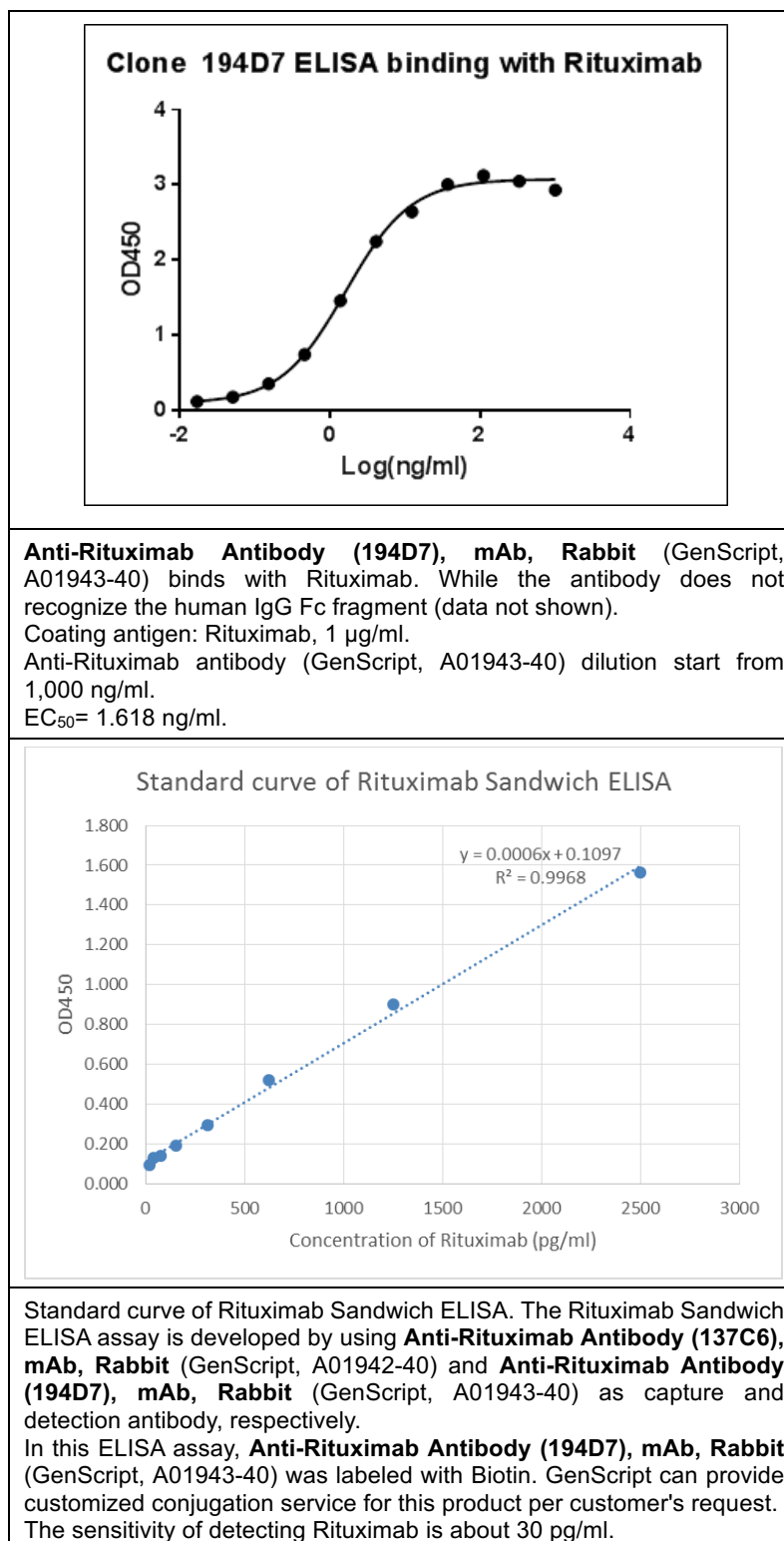
860 Centennial Ave., Piscataway, NJ 08854, USA

starting points for this product.

ELISA detection: 0.005-1 µg/ml

Other applications: user-optimized

Example



** For non-clinical research use only. **

860 Centennial Ave., Piscataway, NJ 08854, USA