

Rev05  
Update: Jun,14,2023

**DATASHEET**

# Anti-Sarilumab Antibody (20F5), mAb, Mouse

Cat. No.: A02044

## Overview

|                     |  |
|---------------------|--|
| <b>Specificity</b>  | The product is specific for Sarilumab. |
| <b>Host Species</b> | Mouse                                  |
| <b>Immunogen</b>    | Sarilumab                              |
| <b>Conjugate</b>    | Unconjugated                           |

## Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations 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.

| <b>Application</b> | <b>Recommended Usage</b> |
|--------------------|--------------------------|
| ELISA              | 0.01-0.1 µg/ml           |

## Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Lyophilized  |
| <b>Storage Buffer</b>       | Lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.   |
| <b>Reconstitution</b>       | Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.  |
| <b>Storage Instructions</b> | 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. |
| <b>Purification</b>         | Protein A affinity column  |
| <b>Isotype</b>              | Mouse IgG1, $\kappa$   |
| <b>Clonality</b>            | Monoclonal   |

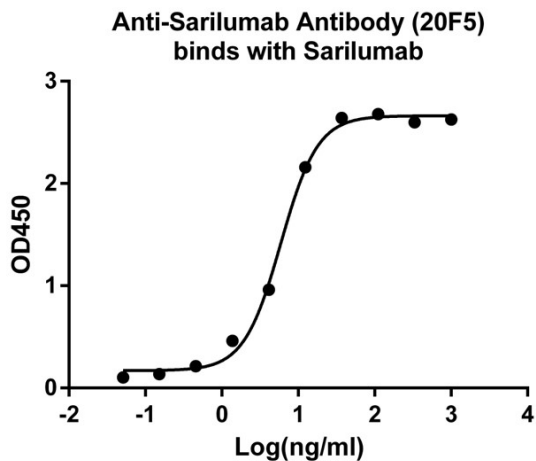
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|          |   |
|----------|---|
| Clone ID | 20F5  |
| Note     | GenScript can customize this product per customer's request including product size, buffer components, etc. |

## Examples



ELISA binding of Anti-Sarilumab Antibody (20F5), mAb, Mouse (GenScript, A02044-40) with Sarilumab. While the antibody does not recognize the human IgG (data not shown).

Coating antigen: Sarilumab, 1  $\mu$ g/ml.

Anti-Sarilumab Antibody (20F5), mAb, Mouse (GenScript, A02044-40) dilution start from 1,000 ng/ml.

EC50= 5.913 ng/ml.

## Background

**Target Background :** Sarilumab with the trade name of Kevzara, is a human monoclonal IgG1 antibody. It binds to membrane bound and soluble interleukin 6 (IL-6) receptor forms. It was FDA-approved in for the treatment of Rheumatoid Arthritis (RA) in combination with methotrexate. Anti-Sarilumab Antibody (20F5), mAb, Mouse is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Sarilumab.

**Synonyms :** Mouse monoclonal to Sarilumab/Kevzara

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

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