

# Human SIRP $\alpha$ Monoclonal Antibody

Catalog No.: YR0021

## Basic Information

### Molecular Weight

150 kDa

### Endotoxin

<1EU/mg (<0.001EU/ $\mu$ g) Determined by LAL gel clotting assay

### Sterility

0.2  $\mu$ m filtration

### Aggregation

<5% Determined by SECP

### Purity

>95% Determined by SDS-PAGE

## Background

Anzurstobart (CC-95251; BMS-986351) is a high-affinity, fully human monoclonal anti-SIRP $\alpha$  antibody that blocks the binding of CD47 to SIRP $\alpha$ . Anzurstobart enhances macrophage phagocytic activity against DLBCL cell lines in co-culture models when combined with the antibody Rituximab (HY-P9913). Anzurstobart has the potential for solid and hematologic malignancies research.

## Reported Applications

ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways

## Immunogen Information

### Clone

Anzurstobart Biosimilar

### Isotype

Human IgG1 kappa


### Immunogen

### Recommended Isotype Control(s)


### Recommended Dilution Buffer

1 $\times$ PBS pH 7.3

## Contact

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## Product Information

### Production

Purified from cell culture supernatant in an animal-free facility

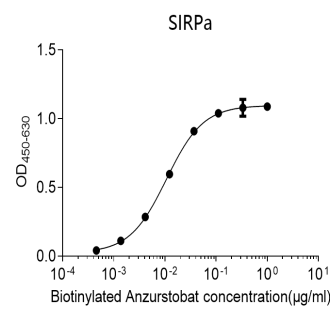
### Purification

Protein A or G purification

### Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)

# Validation Data



Human SIRPα ELISA Standard Curve. Direct ELISA binding curve demonstrating the recognition of Human Anti-Human SIRPα (Research Grade Anzurstobat Biosimilar) Monoclonal Antibody to SIRPα. The target protein was coated onto the microplate well surface, followed by binding of the antibody. Neutravidin HRP conjugate was used for detection.