

# Guselkumab reference antibody



Catalog Number: 177178

## Product name

Guselkumab reference antibody

## Specificity

Human IL-23

## Antibody description

Anti-IL-23 Antibody (Guselkumab)

## Preparation

Recombinant expression and purified from CHO cells.

## Formulation

0.1 M Pro-Ac, 20 mM Arg, pH 5.0

## Storage

-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

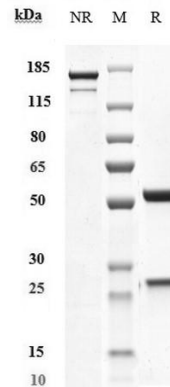
## Ig Type

IgG1

## Applications

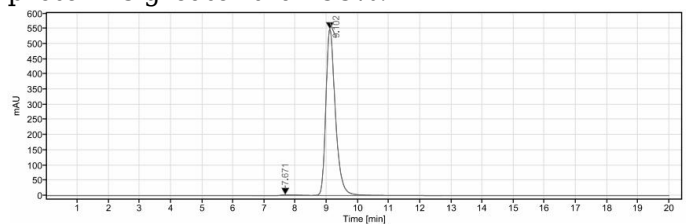
ELISA

## Validations



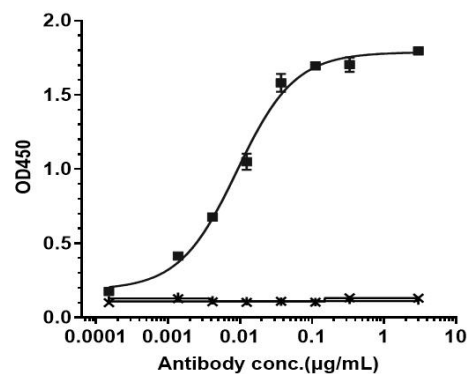
## SDS-PAGE

Anti-IL-23 Antibody (guselkumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



## SEC-HPLC

The purity of Anti-IL-23 Antibody (guselkumab) is 98.97%, determined by SEC-HPLC.



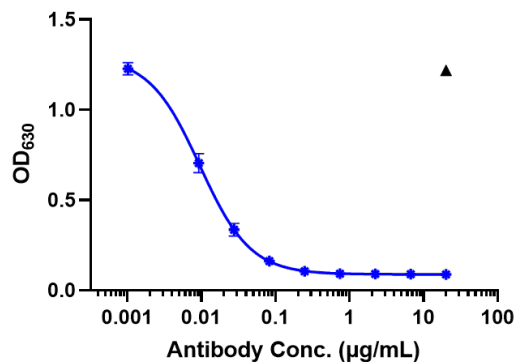
Bioactivity: ELISA

Immobilized human IL 23P40 His at 2 µg/mL can bind Anti-IL-23 Antibody (guselkumab), EC50=0.009014 µg/mL.

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Function: Luciferase

Anti-IL-23 Antibody (guselkumab) induced report gene STAT3 activity was evaluated using Human IL23 HEK-Blue. The EC50 was approximately 0.0095 ug/mL.