

Anti-IL23 antibody



Catalog Number: 101601

Product name

Anti-IL23 antibody

Immunogen

[IL23 \(His Tag\) recombinant protein](#)

Specificity

Human IL23A & Human IL12B Heterodimer

Has cross-reactivity with Cynomolgus IL-23 (IL12B & IL23A Heterodimer) Protein in ELISA assay

No cross-reactivity with Mouse IL-23 (IL12B & IL23A Heterodimer) and Rat IL-23 (IL12B & IL23A Heterodimer) Protein in ELISA assay

Antibody description

Mouse monoclonal to IL23

Preparation

It is a chimeric monoclonal antibody combining the constant domains of the human IgG1 molecule with mouse variable regions. The variable region was obtained from a mouse immunized with purified, recombinant Human IL23A & Mouse IL12B Heterodimer. The antibody was produced using recombinant antibody technology.

Formulation

0.2 μ m filtered solution in Histidine and Arginine buffer containing 120mM NaCl, 0.02% Tween 80, pH6.0

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of

properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse (variable region) / Human (kappa / IgG1 constant)

Applications

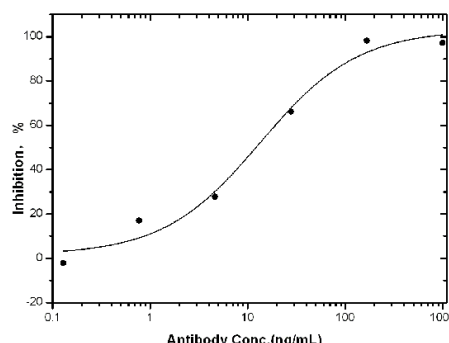
B/N

Dilutions

Block - This antibody can block the binding of recombinant human IL23A & Mouse IL12B Heterodimer Protein to its recombinant receptor IL23A & Mouse IL12B HeterodimerR.

Neutralization - The neutralization activity of antibody is measured by its ability to neutralize IL23-induced IL17A secretion in mouse splenocytes. The Neutralization titer (IC₅₀) is typically 10.015.0 ng/mL in the presence of 10 ng/mL Recombinant Human IL-23 and ConA (1 μ g/mL).

Validations



Human IL23A/p19 Neutralizing Antibody

IL17a secretion in the mouse splenocytes induced by 10 ng/mL of Recombinant Human IL23 (CT035-A99H) is neutralized by increasing concentrations of Human

IL23a/p19 Monoclonal Antibody (Catalog CT035-mh066), as measured by IL17a Quantitative ELISA Kit. The IC50 is typically 10.015.0 ng/mL. IL17a secretion in the mouse splenocytes induced by 10 ng/mL of Recombinant

Human IL23 (CT035-A99H) is neutralized by increasing concentrations of Human IL23a/p19 Monoclonal Antibody (Catalog CT035-mh066), as measured by IL17a Quantitative ELISA Kit. The IC50 is typically 10.015.0 ng/mL.