

Anti-IL-6R/CD126 antibody



Catalog Number: 100099

Product name

Anti-IL-6R/CD126 antibody

Immunogen

[Human IL-6R/CD126 \(His Tag\) recombinant protein](#)

Specificity

Human IL-6R / CD126

No cross-reactivity with rat IL6R (501482), mouse IL6R (500652) and canine IL6R (502343) in ELISA assay

Antibody description

Mouse monoclonal to IL-6R/CD126

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human IL-6R / CD126 (rh IL-6R / CD126; NP_000556.1; Met1-Pro365). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 μ m filtered solution in PBS (pH7.4) + 5% Trehalose Dihydrate

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 IgG1

Applications

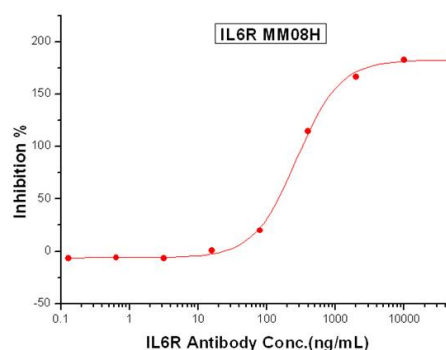
B/N

Dilutions

Block - This IL6R Neutralizing Antibody can not block the binding of recombinant IL6 to its recombinant receptor IL6 α .

Neutralization - The neutralization activity of IL6R Neutralizing Antibody is measured by its ability to neutralize IL6 α -mediated inhibition of proliferation in the M1 mouse myeloid leukemia cell line. The Neutralization Titer (IC50) is typically 0.15-0.6 μ g/mL in the presence of 50 ng/mL Recombinant Human IL6 α and 100 ng/mL Recombinant Human IL6.

Validations



IL-6R / CD126 Neutralizing Antibody

IL-6 α Enhancement of IL6-dependent Inhibition of Cell Proliferation was Neutralized by Human IL-6 α Neutralizing Antibody in the M1 mouse myeloid leukemia cell line. Enhancement of Recombinant Human IL6 (100 ng/mL) activity elicited by Recombinant Human IL-6 α (50 ng/mL) is neutralized by increasing concentrations of Human IL6 α neutralizing Monoclonal Antibody (Catalog 10398-

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MM08H). The IC₅₀ is typically 0.15-0.6 µg/mL.