

# Anti-IL17 / IL17a antibody



Catalog Number: 100267

## Product name

Anti-IL17 / IL17a antibody

## Immunogen

[Human IL17 / IL17a recombinant protein](#)

## Specificity

Human IL17 / IL17a

**Has cross-reactivity** with Canine IL17A (500487)

**No cross-reactivity** with mIL17A (503385) in ELISA assay

## Antibody description

Mouse monoclonal to IL17 / IL17a

## Preparation

This antibody was obtained from a mouse immunized with purified, recombinant Human IL17 / IL17a (rHuman IL17 / IL17a; Q16552; Ile20-Ala155) and was produced using recombinant antibody technology.

## Formulation

0.2 µm filtered solution in PBS

## 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

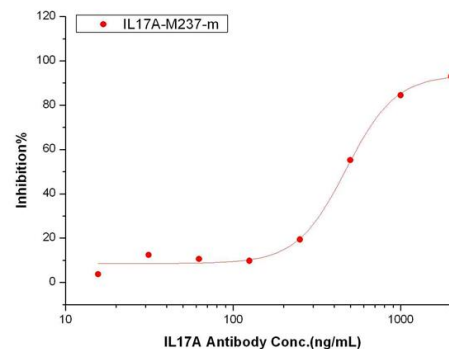
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## Dilutions

**Block** - This IL17a Neutralizing Antibody can block the binding of recombinant IL7a to its recombinant receptor IL17Ra.

**Neutralization** - The neutralization activity of IL17a Neutralizing Antibody is measured by its ability to neutralize IL6 secretion induced by human IL17a in the HFF human foreskin fibroblast. The Neutralization Titer (IC50) is typically 0.23-0.94 µg/mL in the presence of 50 ng/mL Recombinant Human IL17a.

## Validations



IL17 / IL17a Neutralizing Antibody

**IL6 secretion in the HFF human foreskin fibroblast induced by 50 ng/mL of Recombinant Human IL17a (12047-HNAE) is neutralized by increasing concentrations of mouse anti-Human IL17a neutralizing Monoclonal Antibody (Catalog 12047-M237), as measured by IL6 Quantitative ELISA Kit (KIT10395). The IC50 is typically 0.23-0.94 µg/mL.** IL6 secretion in the HFF human foreskin fibroblast induced by 50 ng/mL of Recombinant Human IL17a (12047-HNAE) is neutralized by increasing concentrations of mouse anti-Human IL17a neutralizing Monoclonal Antibody (Catalog

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12047-M237), as measured by IL6 Quantitative

ELISA Kit (KIT10395).The IC50 is typically  
0.23-0.94 µg/mL.