Leader in Biomolecular Solutions for Life Science

www.abclonal.com

# Rabbit anti-Mouse IL-10 mAb

**Catalog No.: RM17935**

## Basic Information

**Catalog No.**
RM17935

**Catagory**
Elisa Antibody Kit

**Application**
ELISA,Multiplex

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**
/

**Storage**
Store at -20℃
**Avoid repeated freeze-thaw cycles.**

**Formulation**
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact


order@abclonal.com

support@abclonal.com

www.abclonal.com


## Background

This gene encodes an anti-inflammatory cytokine that is a member of the class-2 cytokine family. The encoded protein is secreted by cells of both the innate and adaptive immune systems and is crucial for limiting the immune response to a broad range of pathogens. It also has been shown to suppress autoimmune responses. This protein mediates it's immunosuppressive signal through a specific interleukin 10 receptor complex. Aberrant functioning of this gene is associated with numerous immune disorders including graft-versus-host disease, and increased susceptibility to HIV-1 infection and rheumatoid arthritis.

## Immunogen Information

**Immunogen**
Recombinant Mouse IL-10

## Cross-Reactivity

No cross-reactivity in immunoassay with recombinant
Mouse IFN-γ, Mouse IFN-β, Mouse IL-20, Mouse IL-22, Mouse IL-24 and Human IL-10.
Cross-reactivity was found with Rat IL-10.

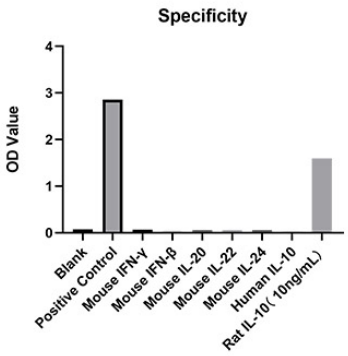
## Assay Applications

Mouse IL-10 Sandwich Immunoassay

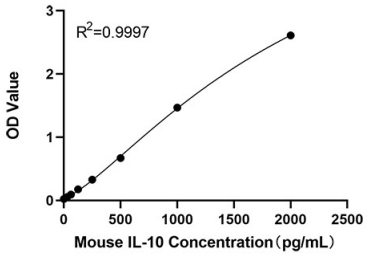
| | | Recommended Concentration | Sample |
|---|---|---|---|
| ELISA | Capture | 0.5-2 μg/mL | Rabbit anti-Mouse IL-10 mAb (Cat. No. RM17935) |
| | Detection | 0.015-0.06 μg/mL | Rabbit anti-Mouse IL-10 mAb (Cat. No. RM17936) |
| | Standard | 31.25-2000 pg/mL | Recombinant Mouse IL-10 Protein (Cat. No. RP01465) |

| | | | |
|---|---|---|---|
| Multiplex | Capture | 0.1-5 μg/mL | Rabbit anti-Mouse IL-10 mAb (Cat. No. RM17935) |
| | Detection | 0.5-2 μg/mL | Rabbit anti-Mouse IL-10 mAb (Cat. No. RMK0423) |
| | Standard | 6.86-5000 pg/mL | Recombinant Mouse IL-10 Protein (Cat. No. RP01465) |

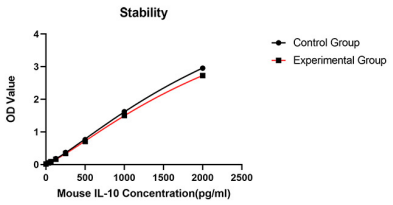
## Validation Data




No significant cross-reactivity or interference was observed.




This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.




Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.