Leader in Biomolecular Solutions for Life Science

www.abclonal.com

# Rabbit anti-Rat IL-10 mAb

**Catalog No.: RM17826**

## Basic Information

**Catalog No.**
RM17826

**Catagory**
Elisa Antibody Kit

**Application**
ELISA

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**

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

**Formulation**
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact


order@abclonal.com

support@abclonal.com

www.abclonal.com


## Background

Enables interleukin-10 receptor binding activity. Involved in several processes, including cellular response to estradiol stimulus; liver regeneration; and negative regulation of nitric oxide biosynthetic process. Located in extracellular space. Used to study several diseases, including lung disease (multiple); perinatal necrotizing enterocolitis; sciatic neuropathy; toxic encephalopathy; and transient cerebral ischemia. Biomarker of several diseases, including artery disease (multiple); decubitus ulcer; lung disease (multiple); obstructive sleep apnea; and postpartum depression. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); autoimmune disease (multiple); eye disease (multiple); gastrointestinal system cancer (multiple); and hematologic cancer (multiple). Orthologous to human IL10 (interleukin 10).

## Immunogen Information

**Immunogen**
Recombinant Rat IL-10

## Cross-Reactivity

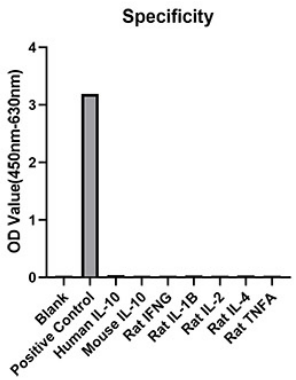
No cross-reactivity in ELISA assay withrecombinant
Human IL-10,Mouse IL-10,Rat IFNG,Rat IL-1B,Rat IL-2,Rat IL-4,Rat TNFA

## Assay Applications

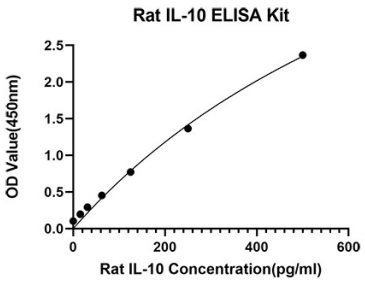
Rat IL-10 Sandwich ELISA

| | | Recommended Concentration | Sample |
|---|---|---|---|
| ELISA | Capture | 1-4ug/mL | Rabbit anti-Rat IL-10 mAb(Cat. No.RM17825) |
| | Detection | 0.0625-0.25ug/mL | Rabbit anti-Rat IL-10 mAb(Cat. No.RM17826) |
| | Standard | 7.81-500pg/mL | Recombinant Rat IL-10 Protein |

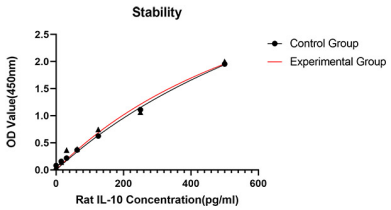
## Validation Data




Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.




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%.