Leader in Biomolecular Solutions for Life Science

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Anti-Mouse IL-6R mAb (DET)

Catalog No.: RMK0311

Basic Information

Catalog No.
RMK0311

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
N/A

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 7.3.

Contact

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Background

Enables interleukin-6 binding activity and interleukin-6 receptor activity. Involved in T-helper 17 cell lineage commitment and interleukin-6-mediated signaling pathway. Located in cell surface. Part of interleukin-6 receptor complex. Is expressed in several structures, including adipose tissue; alimentary system; genitourinary system; hemolymphoid system; and nervous system. Human ortholog(s) of this gene implicated in Alzheimer's disease; Huntington's disease; hyper IgE syndrome; obesity; and stomach cancer. Orthologous to human IL6R (interleukin 6 receptor).

Immunogen Information

Immunogen
Recombinant mouse IL-6R

Cross-Reactivity

Mouse

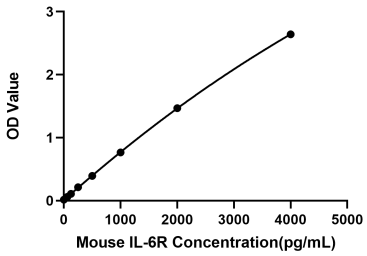
Assay Applications

Mouse IL-6R Sandwich Immunoassay

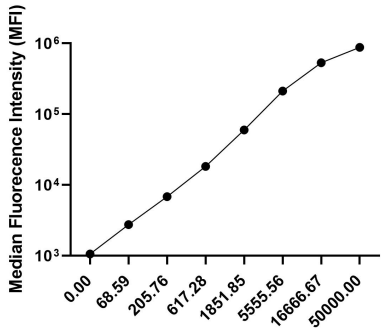
		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse IL-6R mAb (Cat. No. RMK0310)
	Detection	0.015-0.06 μg/mL	Rabbit anti-Mouse IL-6R mAb (Cat. No. RMK0311)
	Standard	62.5-4000 pg/mL	Recombinant Mouse IL-6R Protein (Cat. No. RP01862)

Multiplex	Capture	1-4 μg/mL	Rabbit anti-Mouse IL-6R mAb (Cat. No. RMK0311)
	Detection	0.125-0.5 μg/ml	Rabbit anti-Mouse IL-6R mAb (Cat. No. RMK0310)
	Standard	68.59-50000 pg/mL	Recombinant Mouse IL-6R Protein (Cat. No. RP01862)

Validation Data



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



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