Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse CXCL1/KC mAb

Catalog No.: RMK0442

Basic Information

Catalog No.
RMK0442

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 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

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Background

This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This secretory protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils. In mouse, deficiency of this gene is associated with colitis and with defects in immune cell recruitment to the lung.

Immunogen Information

Immunogen
Recombinant Mouse CXCL1/KC Protein

Cross-Reactivity

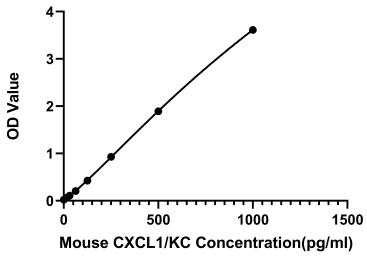
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Assay Applications

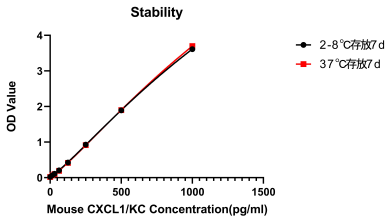
Mouse CXCL1/KC Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	0.5-2 μg/mL	Rabbit anti-Mouse CXCL1/KC mAb (Cat. No. RMK0441)
	Detection	0.0125-0.05 μg/mL	Rabbit anti-Mouse CXCL1/KC mAb (Cat. No. RMK0442)
	Standard	15.63-1000 pg/mL	Recombinant Mouse CXCL1/KC protein

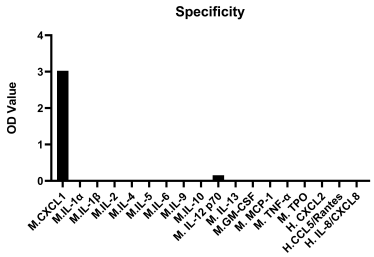
Validation Data



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



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.



No significant cross-reactivity or interference was observed.