

# Rabbit anti-Mouse CXCL1/KC mAb

**Catalog No.:** RMK0442

## Basic Information

**Catalog No.**  
RMK0442

**Category**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**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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 | [support@abclonal.com](mailto:support@abclonal.com)

 | [www.abclonal.com](http://www.abclonal.com)

## 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

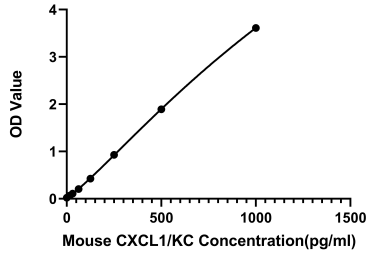
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## Assay Applications

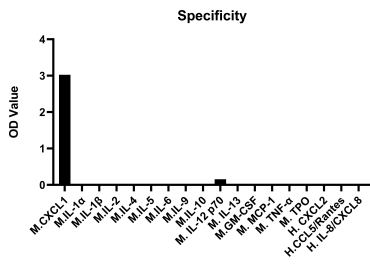
Mouse CXCL1/KC Sandwich Immunoassay

		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

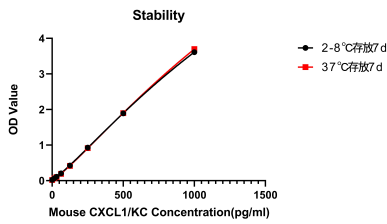
# Validation Data



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



No significant cross-reactivity or interference was observed.



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