

# Rabbit anti-Human IL-8 mAb (CAP)

**Catalog No.: RM17648**

## Basic Information

**Catalog No.**  
RM17648

**Catagory**  
Elisa Antibody Kit

**Application**  
multiplex assay

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.  
Preservative:0.1%Braveds MB-1  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

## Contact

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## Background

IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

## Immunogen Information

**Immunogen**  
Recombinant human IL-8/CXCL8 protein  
Ser28-Ser99  
Accession #P10145.1

## Cross-Reactivity

No cross-reactivity in multiplex assay with recombinant hG-CSF,hGM-CSF,hGROβ,hIL-1β,hIL-2,hIL-6,hIL-10,hMCP-1,hPDGF-BB,hTGF-β1,hTNF-α,hTNF-α,mTNF-α,mIL-1β,mIL-4,mIL-6,mIL-10

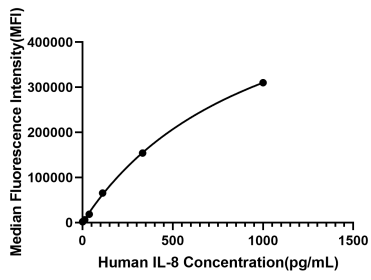
## Assay Applications

Human IL-8 multiplex assay

	Recommended Concentration	Sample
Capture	10ug/106	Rabbit anti-Human IL-8 mAb (CAP)(Cat. No. RM17648)
Detection	0.5-2ug/mL	Rabbit anti-Human IL-8 mAb (DET)(Cat. No. RM17649)
Standard	1.4-1000pg/mL	Recombinant IL-8 Protein (Cat. No. RM00069)

## Validation Data

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