

# Rabbit anti-Human CHI3L1 mAb (CAP)

**Catalog No.:** RMK0377

## Basic Information

**Catalog No.**  
RMK0377

**Category**  
Elisa Antibody Kit

**Application**  
multiplex assay

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05% ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS, PH 7.4 containing Human CHI3L1 Antibody

## Contact

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## Background

CHI3L1, also known as HCgp39 (human cartilage glycoprotein 39) and YKL40, is a secreted glycoprotein belonging to the family of chitinase-like lectins. These proteins are structurally related to the glycosylhydrolase family 18, but lack enzymatic activity. CHI3L1 is expressed by chondrocytes, synovial cells, macrophages and neutrophils. It has been found to play a role in down-regulating cytokine-induced inflammatory responses. Human CHI3L1 shares 73%, 80%, 83% and 86% amino acid sequence identity with mouse, rat, bovine and porcine CHI3L1, respectively.

## Immunogen Information

**Immunogen**  
Recombinant Human CHI3L1 Protein

## Cross-Reactivity

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## Assay Applications

Human CHI3L1 multiplex assay

	Recommended Concentration	Sample
Multiplex Capture	3-20ug/mL	Rabbit anti-Human CHI3L1 mAb(Cat. No.RMK0377)
Multiplex Detection	0.017-2ug/mL	Rabbit anti-Human CHI3L1 mAb(Cat. No.RM17919)
Standard	6.86-5000pg/mL	Recombinant Human CHI3L1 Protein

# Validation Data

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Standard Curve Chart

