

Datasheet for ABIN7636806  
**anti-CHI3L1 antibody**



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## Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | CHI3L1                                                                                                    |
| Reactivity:  | Human                                                                                                     |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This CHI3L1 antibody is un-conjugated                                                                     |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|               |                                                                                                                                                                                   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Chitinase-3-like Protein 1 (CHI3L1)                                                                                                                        |
| Immunogen:    | RPB463Hu01Recombinant Chitinase3like Protein 1 (CHI3L1)                                                                                                                           |
| Clone:        | C3                                                                                                                                                                                |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against CHI3L1. It has been selected for its ability to recognize CHI3L1 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography                                                                                                                                     |

## Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | CHI3L1                                     |
| Alternative Name: | CHI3L1 ( <a href="#">CHI3L1 Products</a> ) |

## Target Details

Background: GP39, CHI3-L1, YKL40, Chondrex, Chitinase 3-Like 1, Chondrocyte Protein YKL40, 39 kDa synovial protein

UniProt: [P36222](#)

## Application Details

Application Notes: Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.