

Datasheet for ABIN480888  
**anti-CCL4 antibody**



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## Overview

Quantity:	100 µg
Target:	CCL4
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CCL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Neutralization (Neut)

## Product Details

Immunogen:	Sf 21-derived Recombinant, human Macrophage Inflammatory Protein 1 beta (MIP1 beta, CCL4).
Isotype:	IgG
Specificity:	Recognizes Macrophage Inflammatory Protein 1 beta (MIP1 beta). based on ELISA and Western Blot data, <10 % cross-reactivity with mouse MIP-1b, human MIP-1b, human MCP-2 and <5 % cross-reactivity with mouse MIP-1b. <1 % cross-reactivity with other chemokines tested.
Purification:	Immunoaffinity purified

## Target Details

Target:	CCL4
Alternative Name:	CCL4 / SYCA4 ( <a href="#">CCL4 Products</a> )

## Target Details

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Background: Name/Gene ID: CCL4  
Subfamily: Interocrine beta  
Family: Interocrine

Synonyms: CCL4, ACT2, Act-2, AT744.1, C-C motif chemokine 4, Chemokine (C-C motif) ligand 4, CC chemokine ligand 4, HC21, LAG1, MIP1B, MIP1B1, LAG-1, SCYA2, Secreted protein G-26, SIS-gamma, MIP-1-beta, MIP-1-beta(1-69), Small-inducible cytokine A4, T-cell activation protein 2, G-26, Lymphocyte-activation gene 1, PAT 744, Protein H400, SCYA4

Gene ID: 6351

UniProt: [P13236](#)

## Application Details

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Application Notes: Approved: ELISA (0.5 - 1 µg/mL), IHC (0.5 - 5 µg/mL), Neut (0.3 - 1.5 µg/mL), WB (0.1 - 0.2 µg/mL)

Usage: Suitable for use in neutralization of bioactivity, ELISA, Western Blot, and Immunohistochemistry. Neutralization: 0.3-1.5 µg/mL in the presence of 0.04 µg/mL of rhMIP-1b, using the BaF/3 hCCR5 transfected cell chemotaxis assay. In chemotaxis assays, this antibody will neutralize the biological activity of human MIP-1b and mouse MIP-1b at a 25-fold higher IgG concentration. Will not neutralize the biological activity of mouse MIP1b. ELISA: 0.5-1 µg/mL with the appropriate secondary reagents to detect human MIP-1b. The detection limit is ~0.3 ng/well. Western Blot: 0.1-0.2 µg/mL. The detection limit is 1.5-3.0 ng/lane, under non-reducing and reducing conditions. Immunohistochemistry: 0.5-5 µg/mL in cultured cells or tissue sections.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 40 % glycerol.

Handling Advice: Avoid repeat freeze-thaw cycles.

## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.