

Datasheet for ABIN5688696 **anti-CCL8 antibody**



[Go to Product page](#)

Overview

Quantity:	0.5 mg
Target:	CCL8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CCL8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	The monoclonal antibody was derived from BALB/c X ICR F1 mice and belongs to the IgG1K isotype.
Clone:	1-1_2D4-1A3
Purification:	The monoclonal antibody against human MCP-2 designated as VL-1 was purified from ascites fluid on a Protein A affinity column.

Target Details

Target:	CCL8
Alternative Name:	MCP-2 (CCL8 Products)
Background:	MCP 2 is a chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. MCP 2 is important to inflammatory host responses, and is found in the highest concentration in the small intestine and peripheral blood cells.

Target Details

Gene ID: 6355

UniProt: [P80075](#)

Application Details

Application Notes:

Neutralization:

To yield one-half maximal inhibition [ND50] of the biological activity of hMCP-2 (100 ng/mL), a concentration of 0.8-1.0 µg/mL of this antibody is required.

ELISA:

In a sandwich ELISA (assuming 100 µL/well), a concentration of 1.0-2.0 µg/mL of this antibody will detect at least 100 pg/mL of recombinant human MCP-2 when used with our biotinylated antigen affinity purified anti-human MCP-2 (XP-5224Bt) as the detection antibody at a concentration of approximately 0.5-1.0 µg/mL.

Western Blot:

To detect hMCP-2 by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-2 is 0.25-0.50 ng/lane, under non-reducing conditions.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: 4 °C, -20 °C

Storage Comment: MCP-2 lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. Reconstitute in sterile water to a concentration of 0.1 - 1.0 mg/mL. The antibody is stable for at least six weeks at 2-4°C when reconstituted.