

Datasheet for ABIN7425674
anti-CCL2 antibody (AA 24-99)



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2 Images

Overview

Quantity:	100 µL
Target:	CCL2
Binding Specificity:	AA 24-99
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CCL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Monocyte Chemotactic Protein 1 (MCP1)
Immunogen:	Recombinant Monocyte Chemotactic Protein 1 (MCP1) corresponding to Gln24~Thr99 with N-terminal His Tag
Clone:	105#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MCP1. It has been selected for its ability to recognize MCP1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

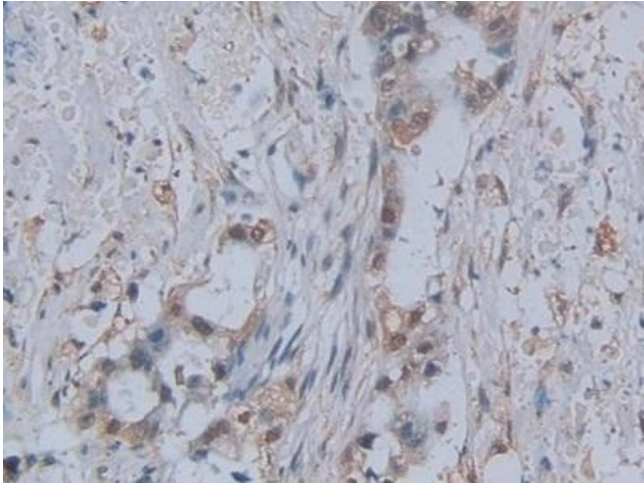
Target:	CCL2
Alternative Name:	MCP1 (CCL2 Products)
Background:	CCL2, GDCF2, HC11, HSMCR30, MCAF, MCP1, SCYA2, SMC-CF, Chemokine C-C-Motif Ligand 2, Monocyte Chemotactic And Activating Factor, Monocyte Secretory Protein JE
UniProt:	P13500
Pathways:	Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , ER-Nucleus Signaling , Unfolded Protein Response , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	Western blotting: 0.5-2 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

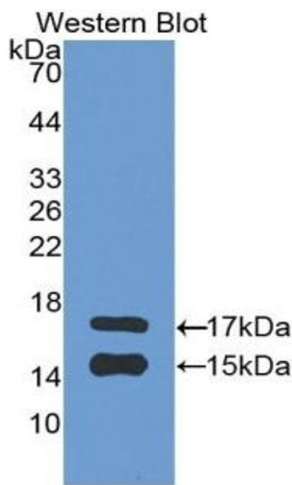
Handling

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.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of MCP1 in Human Pancreatic cancer Tissue using Monoclonal Antibody to Monocyte Chemotactic Protein 1 (MCP1)



Western Blotting

Image 2. Detection of Recombinant MCP1, Human using Monoclonal Antibody to Monocyte Chemotactic Protein 1 (MCP1)