

PAA087Mu01

Polyclonal Antibody to Monocyte Chemotactic Protein 1 (MCP1)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.34mg/mL

UOM: 10μL

Cross Reactivity: N/A

Applications: WB; IHC; ICC/IF

[**IMMUNOGEN**]

Immunogen: Recombinant MCP1 (Gln24~Arg96) expressed in *E.coli*

Accession No.: RPA087Mu01

[**APPLICATIONS**]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunocytochemistry: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[**FORMULATION**]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: 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.

[IDENTIFICATION]

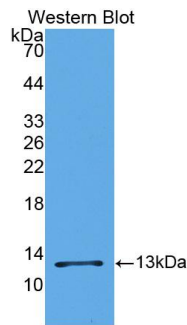
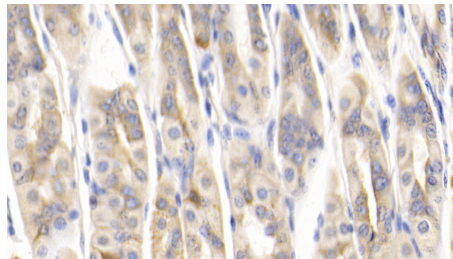
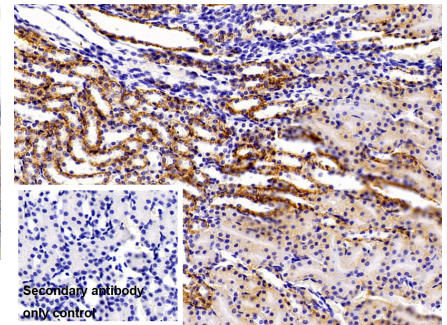


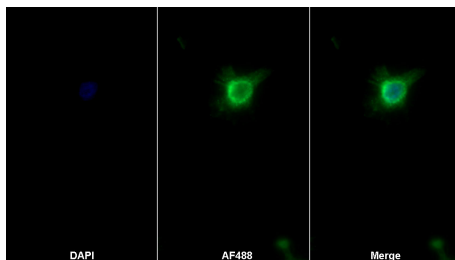
Figure. Western Blot; Sample:
Recombinant MCP1, Mouse.



DAB staining on IHC-P; Samples:
Mouse Stomach Tissue; Primary Ab:
20?g/ml Rabbit Anti-Mouse MCP1
Antibody Second Ab: 2?g/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



DAB staining on IHC-P;
Sample: Mouse Kidney Tissue
Primary Ab: 10?g/ml Rabbit Anti-Mouse
MCP1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



AF488 staining on IF;
Sample: RAW264.7 cell
Primary Ab: 20?g/ml Rabbit Anti-Mouse
MCP1 Antibody
Second Ab: 2?g/ml AF488-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb11)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.