

## Anti-MCP-1 Rabbit pAb



WL02966

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

|                              |  |              |
|------------------------------|--|--------------|
| <b>Product name</b>          | Anti-MCP-1 Rabbit pAb  |              |
| <b>Source</b>                | Rabbit   |              |
| <b>Species reactivity</b>    | Human, Mouse, Rat  |              |
| <b>Tested applications</b>   | WB   | 1:500-1:1000 |
|                              | IF   | 1:200        |
| <b>Cellular localization</b> | Secreted   |              |
| <b>Pack size</b>             | 50/100/200/500/1000μl  |              |
| <b>Storage</b>               | Store at -20°C. <b>Avoid freeze/thaw cycles.</b>             |              |
| <b>Storage buffer</b>        | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml |              |
|                              | BSA, 50% glycerol and less than 0.02% sodium azide           |              |

## General Information

|                     |  |
|---------------------|--|
| <b>Background</b>   | Monocyte chemoattractant protein-1 (MCP-1), also known as CCL2, monocyte chemoattractant activating factor (MCAF) or glioma-derived chemotactic factor-2 (GDCF-2), is the product of the human JE gene and a member of the family of C-C (or β) chemokines MCP-1 is a potent basophil activator but does not affect eosinophils. MCP-1 levels are increased during infection and inflammation, which are both characterized by leukocyte infiltration. Two MCP-1 receptors, which differ in their carboxy-termini, have been identified. |
| <b>Immunogen</b>    | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MCP-1.   |
| <b>Purification</b> | Polyclonal antibody was purified by immunogen affinity chromatography.   |

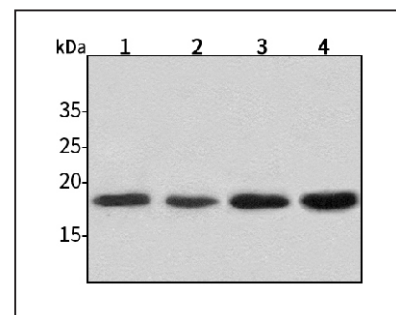
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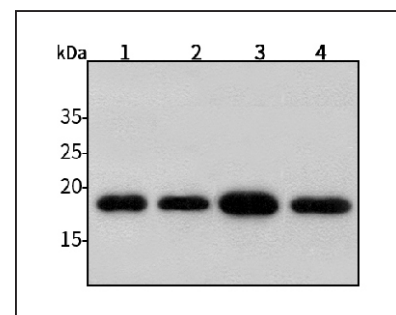
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## Product Images



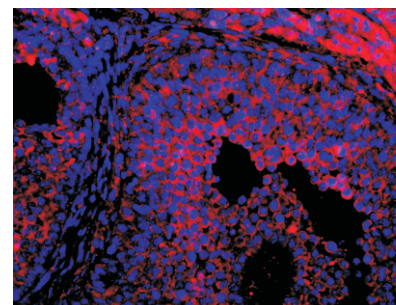
Western blot-Anti-MCP-1 pAb

Lane 1: Human HepG2 cell lysate  
 Lane 2: Human Hela cell lysate  
 Lane 3: Human BGC-823 cell lysate  
 Lane 4: Human MGC-803 cell lysate  
 All lanes: Anti-MCP-1 at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 16 kDa  
 Observed band size: 16 kDa



Western blot-Anti-MCP-1 pAb

Lane 1: Mouse heart tissue lysate  
 Lane 2: Mouse brain tissue lysate  
 Lane 3: Rat lung tissue lysate  
 Lane 4: Rat stomach tissue lysate  
 All lanes: Anti-MCP-1 at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 16 kDa  
 Observed band size: 16 kDa



Immunofluorescence-Anti-MCP-1 pAb

Immunofluorescence analysis of paraffin-embedded mouse ovary using anti-MCP-1 Rabbit Antibody at 1:200 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

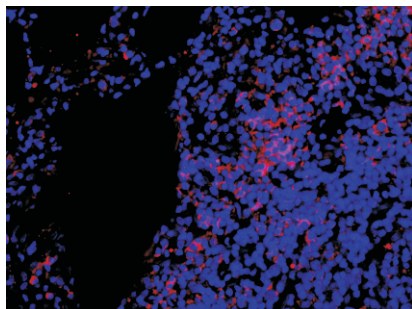
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### Immunofluorescence-Anti-MCP-1 pAb

Immunofluorescence analysis of paraffin-embedded rat lung using anti-MCP-1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0