



Rabbit Anti-Human MCP-1 monoclonal Antibody, clone 30I97M67 (DCABH-4176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Rhesus monkey and porcine based on sequence homology.
Target	CCL2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	30I97M67
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
	Recommended dilution:
	ICC: 2-5 µg/ml; IF: 2-5 µg/ml; WB: 0.05-0.5 µg/ml
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide

Storage

Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

Monocyte chemotactic protein-1 (MCP-1) also known as CCL2 has a predicted molecular weight of ~11kDa; however, it may run at a higher molecular weight due to post translational modifications such as glycosylation. MCP-1 is a member of cytokine family and plays an important role in immunoregulation and inflammatory processes. MCP-1 is indicated in the etiology of several immune disorders. MCP-1 is also linked with tumor progression and related angiogenesis. MCP-1 displays selective chemotactic activity towards monocytes and basophils but not neutrophils or eosinophils. MCP-1 binds to chemokine receptors CCR2 and CCR4.

Keywords

CCL2;chemokine (C-C motif) ligand 2;HC11;MCAF;MCP1;MCP-1;SCYA2;GDCF-2;SMC-CF;HSMCR30;C-C motif chemokine 2;small-inducible cytokine A2;monocyte secretory protein JE;monocyte chemotactic protein 1;monocyte chemoattractant protein 1;monocyte chemoattractant protein-1;monocyte chemotactic and activating factor;small inducible cytokine subfamily A (Cys-Cys);member 2;small inducible cytokine A2 (monocyte chemotactic protein 1;homologous to mouse Sig-je);anti-MCP-1
