

For Research Use Only

MCP1 Recombinant antibody, PBS Only



Catalog Number: 80847-2-PBS

Basic Information

Catalog Number:	80847-2-PBS	GenBank Accession Number:	BC009716	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	6347	CloneNo.:	230270A7
Source:	Rabbit	UNIPROT ID:	P13500		
Isotype:	IgG	Full Name:	chemokine (C-C motif) ligand 2		
		Calculated MW:	99 aa, 11 kDa		

Applications

Tested Applications:
Indirect ELISA
Species Specificity:
Human

Background Information

Monocyte chemoattractant protein 1 (MCP1; also known as CCL2), is a chemokine that can be expressed in monocytes, macrophages, and endothelial cells, and belongs to the CC subfamily of chemokines. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. Research has shown that the expression of MCP1 increases in the serum of patients with acute myocarditis. MCP1 is up-regulated in many types of CNS injury, including ischemia, hemorrhage, trauma, infection, hypoxia, and peripheral nerve axotomy. MCP1 has also been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, such as psoriasis, rheumatoid arthritis, and atherosclerosis.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

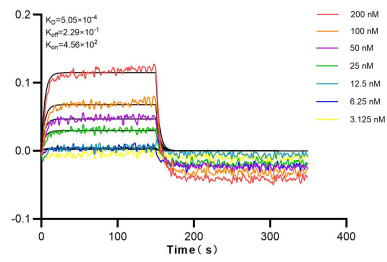
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 80847-2-RR against Human MCP-1 were performed. The affinity constant is 0.505 mM.