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Product datasheet for PP020B2

MCP1 (CCL2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	**Direct ELISA**: To detect Murine JE (MCP-1) by Direct ELISA (using 100 µl/well) solution) a concentration of ~1.0 µg/ml of this antibody is required. This antibody allows the detection of at least 0.2-0.4 ng/well of recombinant Murine JE(MCP-1). **Sandwich ELISA**: To detect Murine JE (MCP-1) by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotin conjugated antibody, in conjunction with Purified Anti-Murine JE (MCP-1)(PP020P1, PP020P2) as a Capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Murine JE(MCP-1). **Western Blot**: To detect Murine JE(MCP-1) by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Murine JE(MCP-1) is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) E.coli derived recombinant Mouse JE (MCP-1).
Specificity:	This antibody reacts with Murine JE (MCP-1).
Formulation:	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized (sterile filtered) purified Ig fraction. Label: conjugated
Reconstitution Method:	Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography.
Conjugation:	Biotin
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.

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Stability:	Shelf life: One year from despatch.
Gene Name:	C-C motif chemokine ligand 2
Database Link:	P13500
Background:	This chemotactic factor attracts monocytes and basophils but not neutrophils or eosinophils and augments monocyte anti-tumor activity. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. It may be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.
Synonyms:	C-C motif chemokine 2, SCYA2, MCAF, Small-inducible cytokine A2, MCP-1, HC11, HC-11
Note:	Centrifuge vial prior to opening!