



Anti-CCL2 polyclonal antibody (DPAB-DC1402)

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

PRODUCT INFORMATION

Antigen Description	CCL2 (chemokine (C-C motif) ligand 2) is a protein-coding gene. Diseases associated with CCL2 include encephalitis, and proliferative glomerulonephritis, and among its related super-pathways are MIF Mediated Glucocorticoid Regulation and G-protein signaling Ras family GTPases in kinase cascades (scheme). GO annotations related to this gene include heparin binding and receptor binding. An important paralog of this gene is CCL11.
Immunogen	Recombinant protein corresponding to 76 amino acids of bovine CCL2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Preservative	0.01% Sodium Azide
Storage	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CCL2 chemokine \(C-C motif\) ligand 2 \[Bos taurus \(cattle\) \]](#)

Official Symbol	CCL2
Synonyms	CCL2; MCP1; MCP-1; MCP1A; SCYA2; MCP-1A; C-C motif chemokine 2; small-inducible cytokine A2; acidic seminal fluid protein; monocyte chemotactic protein 1; monocyte chemotactic protein 1A; monocyte chemoattractant protein 1;
Entrez Gene ID	281043
Protein Refseq	NP_776431
UniProt ID	P28291
Chromosome Location	chromosome: 19
Pathway	ATF4 activates genes; Chagas disease (American trypanosomiasis); Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors)
Function	CCR2 chemokine receptor binding; chemokine activity;