

Product datasheet for **TA321546**

MCP1 (CCL2) Rabbit Polyclonal Antibody

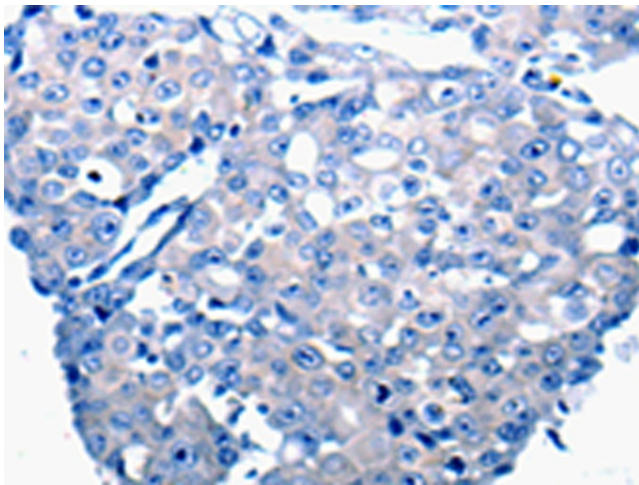
Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-50 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 75-89 amino acids of Human C-C motif chemokine 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	C-C motif chemokine ligand 2
Database Link:	NP_002973 Entrez Gene 6347 Human P13500

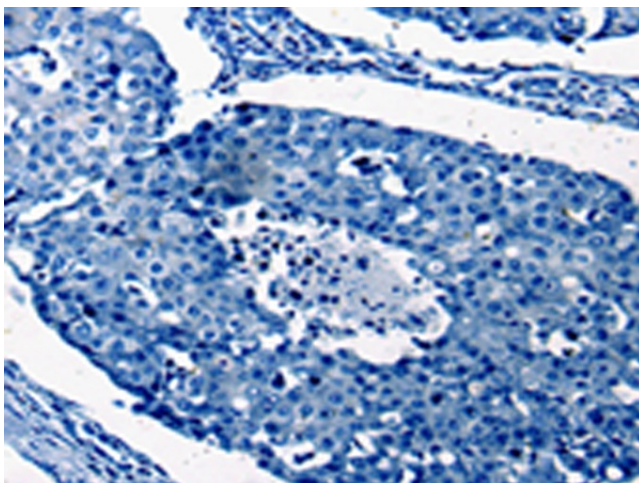


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Background:	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates; like psoriasis; rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4.
Synonyms:	GDCF-2; HC11; HSMCR30; MCAF; MCP-1; MCP1; SCYA2; SMC-CF
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

Product images:

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321546 (CCL2 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321546 (CCL2 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)