## **CCL2** Antibody

Catalog No: #36781

Species Reactivity

Immunogen Type

Concentration



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description		
Product Name	CCL2 Antibody	
Host Species	Rabbit	
Clonality	Polyclonal	
Purification	Antigen affinity purification.	
Applications	IHC	

Specificity The antibody detects endogenous levels of total CCL2 protein.

Hu

Immunogen Description Synthetic peptide corresponding to residues near the C terminal of human C-C motif chemokine 2

Target Name CCL2

Other Names HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30

Accession No. Swiss-Prot#: P13500NCBI Gene ID: 6347Gene Accssion: NP\_002973

Uniprot P13500

GeneID 6347;

Formulation Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.

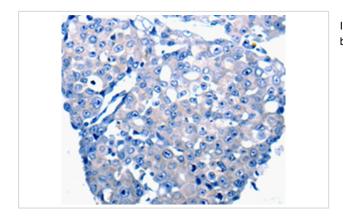
1.9mg/ml

Storage Store at -20°C

## **Application Details**

Immunohistochemistry: 1:25-1:50

## **Images**



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #36781 at dilution 1/50.

## 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.

Note: This product is for in vitro research use only