

Anti-CCL2 Antibody (8U973)

Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8U973
Purification:	Affinity-chromatography

Applications

Verified Activity:	IHC image of TMAH-00151 diluted at 1:100 and staining in paraffin-embedded human melanoma cancer performed on a Leica Bond TM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Human IgG labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA,IHC
Recommended	IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CCL2 Protein
Antigen Species:	Human
Gene ID:	6347
Uniprot ID:	P13500
Synonyms:	GDCF-2;C-C motif chemokine 2;MCP-1;HSMCR30;MCAF;SCYA2;SMC-CF;CCL2;HC11;MCP1
Biology Area:	Cancer, Cardiovascular, Immunology, Metabolism

Research Background

Acts as a ligand for C-C chemokine receptor CCR2. Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions. Exhibits a chemotactic activity for monocytes and basophils but not neutrophils or eosinophils. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481