

## Anti-CCL5 Antibody (7W92)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7W92
Purification:	Protein A

## Applications

Application:	ELISA(Det)
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## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human CCL5 Protein (TMPY-04214)
Antigen Species:	Human
Synonyms:	SIS-delta;eoCP;SIS-δ;RANTES;SCYA5;TCP228;SISd;D17S136E;chemokine (C-C motif) ligand 5
Biology Area:	Neuroinflammation

## Research Background

Chemokines are a family of small chemotactic cytokines, or proteins secreted by cells. Chemokines share the same structure similarities such as small size, and the presence of four cysteine residues in conserved locations in order to form their 3-dimensional shape. Some of the chemokines are considered pro-inflammatory which can be induced to recruit cells of the immune system to a site of infection during an immune response, while others are considered homeostatic and are implied in controlling the migration of cells during normal processes of tissue maintenance and development. There are four members of the chemokine family: C-C kemokines, C kemokines, CXC kemokines and CX3C kemokines. The C-C kemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands-1 to 28. Chemokine ligand 5 (CCL5) is chemotactic for T cells, basophils and eosinophils. Chemokine ligand 5(CCL5) has been considered a HIV-suppressor secreted by CD8+T cells and other immune cells. Chemokine ligand 5(CCL5) is a key to activating recruit leukocytes into inflammatory sites and in the presence of particular cytokines released by T cells, it can change the NK cells into CHAK cells. Cancer Immunotherapy|Immune Checkpoint Immunotherapy|Targeted Therapy

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