
Product Information

Product SKU:	CAB24848	Gene ID:	81780	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Rat

Additional Information

Observed MW:	13kDa	Conjugate:	Unconjugated
Calculated MW:	10kDa	Isotype:	IgG

Immunogen Information

Background:	This gene is one of several chemokine genes clustered on the q arm of chromosome 17. Chemokines are a superfamily of secreted proteins involved in immune regulation and inflammatory processes. According to the arrangement of N-terminal cysteine residues in mature peptides, the superfamily is divided into four subfamilies. This chemotactic factor belongs to the CC subfamily and is a chemotactic agent for blood monocytes, memory T helper cells, and eosinophils. It causes basophils to release histamine and activate eosinophils. This cytokine is one of the main HIV inhibitors produced by CD8+cells. It is one of the natural ligands of chemokine receptor chemokine receptor 5 (CCR5), which inhibits in vitro replication of HIV-1 R5 strains using CCR5 as a co receptor. Optional splicing leads to multiple transcriptional variants encoding different isomers.
Recommended Dilution:	WB,1:1000 - 1:5000
Synonyms:	C-C motif chemokine 5
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 29-52 of rat CCL5(AAA96499.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.