

CAB5630

Product Information

Product SKU:	CAB5630	Gene ID:	6352	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

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 form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, functions as a chemoattractant for blood monocytes, memory T helper cells and eosinophils. It causes the release of histamine from basophils and activates eosinophils. This cytokine is one of the major HIV-suppressive factors produced by CD8+ cells. It functions as one of the natural ligands for the chemokine receptor chemokine (C-C motif) receptor 5 (CCR5), and it suppresses in vitro replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor. Alternative splicing results in multiple transcript variants that encode different isoforms.
Recommended Dilution:	WB, 1:500 - 1:2000
Synonyms:	SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta; CCL5/RANTES
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human CCL5/RANTES (NP_002976.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.