

Basic Information

Product Name	Anti-Rantes/CCL5 Antibody (Clone#ADHH-3)
Gene Name	CCL5
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, ICC/IF
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human RANTES.
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	11 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Chemokine (C-C motif) ligand 5 (also CCL5) is a protein which in humans is encoded by the CCL5 gene. It is also known as RANTES. 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.

Product datasheet

Anti-Rantes/CCL5 Antibody (Clone#ADHH-3)

Catalog Number: **BM5460**

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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

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Reference

Anti-Rantes/CCL5 Antibody (Clone#ADHH-3)被引用在1文献中。

Selected Validation Data

KDa

250

150

100

75

50

37

25

20

15

10



Western blot analysis of RANTES expression in RANTES recombinant protein lysate.