
Anti-Mouse/Rat CCL5 (RANTES) Purified

Catalog Number: 14-7993

Also Known As: CCL-5

RUO: For Research Use Only

Product Information

Contents: Anti-Mouse/Rat CCL5 (RANTES) Purified

 Catalog Number: 14-7993

Clone: Polyclonal

Host/Isotype: Rabbit IgG

Formulation: aqueous buffer, 0.09% sodium azide, contains carrier protein/stabilizer if necessary

 Temperature Limitation: Store at 2-8°C.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The polyclonal antibody reacts with both mouse and rat RANTES and was generated using *E. coli*-expressed amino acid 1-70 of mature rat RANTES as an immunogen. RANTES (regulated upon activation, normal T-cell expressed and secreted) is a 70-amino acid CC chemokine originally cloned from T cell-specific sequence-enriched cDNA libraries. Both human and murine RANTES are chemotactic for monocytes. Human RANTES is also a chemoattractant for T cells and eosinophils, as well as an activator of basophils for histamine release. In contrast to other CC chemokines, RANTES is only slowly expressed after activation of leukocytes. It is involved in a number of pathological conditions like chronic inflammation and autoimmune diseases.

Applications Reported

This polyclonal antibody has been reported for use in immunoblotting (WB). Cross-reactivity to CCL5 of other species has not been determined.

Applications Tested

The tested titer for Western blot is 1:1000. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Schall, T.J. 1988. A human T cell-specific molecule is a member of a new gene family. *J Immunol.* 141:1018-1025

Schall, T. et al. 1992. Molecular cloning and expression of the murine RANTES cytokine: structural and functional conservation between mouse and man. *Eur J Immunol* 22:1477

Neilson, E.G., et al. 1992. Isolation and characterization of cDNA from renal tubular epithelium encoding murine Rantes: A small intercrine from the Scy superfamily. *Kidney Int.* 41:220-225

Haelens, A. et al., 1996. Leukocyte migration and activation by murine chemokines. *Immunobiol.* 195:499-521

Related Products

18-8816 Rabbit TrueBlot®: Anti-Rabbit IgG HRP

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