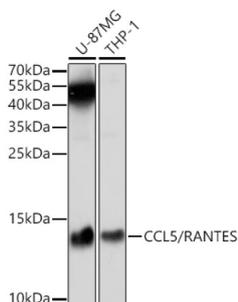


C-C Motif Chemokine 5 (CCL5) Antibody

Catalogue No.: abx004305



Western blot analysis of various lysates using CCL5/RANTES Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 5s.

CCL5 Antibody is a Rabbit Polyclonal antibody against CCL5. 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.

Target:	C-C Motif Chemokine 5 (CCL5)
Research Area:	Cytokines, Tumor Immunity, Infection Immunity, Immune Molecule
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human CCL5/RANTES.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.

Datasheet

Version: 3.0.0
Revision date: 24 Jun 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P13501 ([UniProt](#), [ExPASy](#))

Gene Symbol: CCL5

GeneID: [6352](#)

NCBI Accession: NP_002976.2

KEGG: hsa:6352

String: [9606.ENSP00000474412](#)

Molecular Weight: Calculated MW: 10 kDa
Observed MW: 13 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only