



Anti-CCL4 polyclonal antibody (CPBT-65212RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Rabbit anti Human MIP-1 beta antibody recognizes human MIP-1 beta, otherwise known as CCL4, a 69 amino acid member of the CC chemokine family, shown to signal through the chemokine receptors CCR1, CCR2 and CCR5. MIP-1 beta is involved in host defence against invading pathogens, acting as a regulator of activation and trafficking of inflammatory cells, such as monocytes, B cells, NK cells, neutrophils, dendritic cells and CD4+ lymphocytes. The secretion of MIP-1 beta by CD8+ lymphocytes has been shown to act as a major HIV-suppressive factor (HIV-SF) through binding to CCR5, identified as a coreceptor for HIV-1 target cell entry.

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| Specificity | MIP-1 BETA |
| Immunogen | Recombinant human MIP-1 beta. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | ELISA; FA; IHC-P; WB |
| Format | Purified IgG - lyophilised |
| Size | 100 µg |
| Preservative | None |
| Storage | in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a |

precipitate we recommend microcentrifugation before use.

GENE INFORMATION

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| Gene Name | CCL4 chemokine (C-C motif) ligand 4 [Homo sapiens (human)] |
| Official Symbol | CCL4 |
| Synonyms | CCL4; chemokine (C-C motif) ligand 4; ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta; C-C motif chemokine 4; PAT 744; SIS-gamma; MIP-1-beta(1-69); secreted protein G-26; T-cell activation protein 2; G-26 T-lymphocyte-secre |
| Entrez Gene ID | 6351 |
| Protein Refseq | NP_002975 |
| UniProt ID | P13236 |
| Chromosome Location | 17q12 |
| Pathway | Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; GPCR ligand binding; |
| Function | CCR1 chemokine receptor binding; CCR5 chemokine receptor binding; chemokine activity; cytokine activity; identical protein binding; protein binding; |