



Anti-CCL20 polyclonal antibody (CPBT-65216RH)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti Human MIP-3 alpha antibody recognizes human MIP-3 alpha, (Macrophage Inflammatory Protein 3 alpha), otherwise known as CCL20, a 70 amino acid CC chemokine predominantly expressed by the liver, lymph nodes, appendix, spleen and pancreas and also by the thymus, small intestine, foetal lungs and PBLs. MIP-3 alpha acts as a chemoattractant for memory T lymphocytes, immature dendritic cells and B lymphocytes, being the only CC chemokine known to bind to the G-protein linked 7-transmembrane receptor CCR6. Further properties of MIP-3 alpha include antimicrobial activity, inhibition of the in vitro proliferation of bone marrow immature myeloid progenitors and the stimulation of the growth and migration of pancreatic carcinoma cells.

| | |
|---------------------------|---|
| Specificity | MIP-3 ALPHA |
| Immunogen | Recombinant human MIP-3 alpha. |
| 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

| | |
|---------------------|--|
| Gene Name | CCL20 chemokine (C-C motif) ligand 20 [Homo sapiens (human)] |
| Official Symbol | CCL20 |
| Synonyms | CCL20; chemokine (C-C motif) ligand 20; CKb4; LARC; ST38; MIP3A; Exodus; MIP-3a; SCYA20; MIP-3-alpha; C-C motif chemokine 20; CC chemokine LARC; beta chemokine exodus-1; small-inducible cytokine A20; macrophage inflammatory protein 3 alpha; liver and acti |
| Entrez Gene ID | 6364 |
| Protein Refseq | NP_001123518 |
| UniProt ID | P78556 |
| Chromosome Location | 2q36.3 |
| Pathway | Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; EBV LMP1 signaling; G alpha (i) signalling events; |
| Function | chemokine activity; protein binding; |