

## Product datasheet for **AM01367PU-N**

### Macrophage Inflammatory Protein 3 beta (CCL19) Mouse Monoclonal Antibody

#### Product data:

|                        |   |
|------------------------|---|
| Product Type:          | Primary Antibodies  |
| Applications:          | ELISA   |
| Recommended Dilution:  | ELISA: In a sandwich ELISA (assuming 100 µl/well), a concentration of 2-3 µg/ml of this antibody will detect at least 0.2 ng/well of recombinant human MIP-3-beta when used with biotinylated antigen affinity purified anti-human MIP-3-beta as the detection antibody at a concentration of at least 0.5 µg/ml. |
| Reactivity:            | Human   |
| Host:                  | Mouse   |
| Isotype:               | IgG1  |
| Clonality:             | Monoclonal  |
| Immunogen:             | Recombinant human MIP-3-beta  |
| Specificity:           | This antibody detects MIP-3 beta.   |
| Formulation:           | State: Azide Free<br>State: Lyophilized IgG fraction  |
| Reconstitution Method: | Restore in sterile water to a concentration of 1 mg/ml.   |
| Purification:          | Protein A chromatography  |
| Conjugation:           | Unconjugated  |
| Storage:               | The lyophilized antibody is stable at room temperature for one month or at -20 °C for longer. Following reconstitution it is stable at 2 - 8 °C for six weeks. Avoid repeated freezing and thawing.   |
| Stability:             | Shelf life: one year from despatch.   |
| Gene Name:             | C-C motif chemokine ligand 19   |
| Database Link:         | <a href="#">Entrez Gene 6363 Human Q99731</a>   |



[View online »](#)

**Background:**

MIP3 chemokines are among many novel beta chemokines recently identified through bioinformatics in the Expressed Sequence Tag (EST) database. They are distantly related to other beta chemokines (20-30% aa sequence homology). MIP3 chemokines are useful probes for studying the biology of inflammation and cell migration. Their expression is strongly up-regulated by inflammatory signals and down-regulated by the anti-inflammatory cytokine IL10. MIP3 beta is also known as ELC (EBI1-1 ligand chemokine) and is constitutively expressed in various lymphoid tissues (thymus, lymph nodes, appendix and spleen). MIP3 beta is a chemoattractant for cultured human lymphocytes, dendritic cells, human T lymphoblastoid CEM NKR2 and hemopoietic progenitor cells. It may be involved in G Protein activation in human NK cells. MIP3 beta is a unique functional ligand for CCR7. The MIP3 beta gene has been mapped to chromosome 9p13.

**Synonyms:**

C-C motif chemokine 19, CCL-19, ELC, MIP3B, MIP-3 beta, Small-inducible cytokine A19, SCYA19, Exodus-3