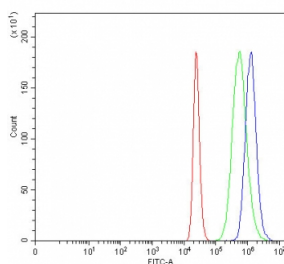


## MIP-3 beta Antibody / CCL19 (RQ8601)

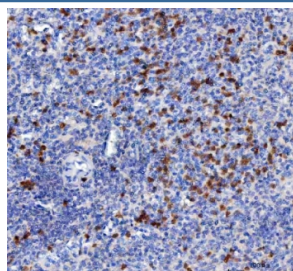
Catalog No.	Formulation	Size
RQ8601	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q99731
<b>Applications</b>	Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This MIP-3 beta antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human ThP-1 cells with MIP-3 beta antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MIP-3 beta antibody.



IHC staining of FFPE human spleen tissue with MIP-3 beta antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

## Description

Chemokine (C-C motif) ligand 19 (CCL19), also called MIP-3 beta, is a protein that in humans is encoded by the CCL19 gene. This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7.

## Application Notes

Optimal dilution of the MIP-3 beta antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids G22-S98) was used as the immunogen for the MIP-3 beta antibody.

## Storage

After reconstitution, the MIP-3 beta antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.