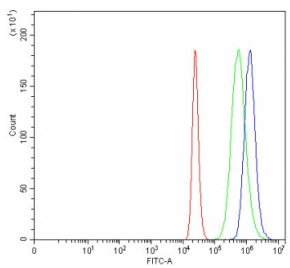
MIP-3 beta Antibody / CCL19 (RQ8601)

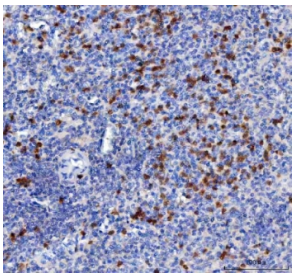
Catalog No.	Formulation	Size
RQ8601	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q99731
Applications	Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	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.