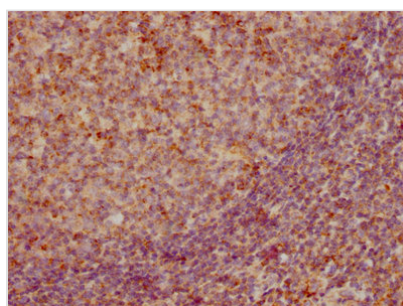




# CCL19 Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA859522A0HU
<b>Abbreviation</b>	C-C motif chemokine 19
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q99731
<b>Immunogen</b>	A synthesized peptide derived from human CCL19
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, IHC; Recommended dilution: IHC:1:50-1:200
<b>Relevance</b>	May play a role not only in inflammatory and immunological responses but also in normal lymphocyte recirculation and homing. May play an important role in trafficking of T-cells in thymus, and T-cell and B-cell migration to secondary lymphoid organs. Binds to chemokine receptor CCR7. Recombinant CCL19 shows potent chemotactic activity for T-cells and B-cells but not for granulocytes and monocytes. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Alias</b>	C-C motif chemokine 19, Beta-chemokine exodus-3, CK beta-11, Epstein-Barr virus-induced molecule 1 ligand chemokine, EB11 ligand chemokine, ELC, Macrophage inflammatory protein 3 beta, MIP-3-beta, Small-inducible cytokine A19, CCL19, ELC, MIP3B, SCYA19
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Immunology
<b>Gene Names</b>	CCL19
<b>Clone No.</b>	3A12

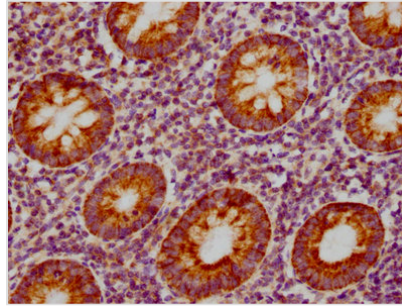
## Image



IHC image of CSB-RA859522A0HU diluted at 1:155 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a



biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of CSB-RA859522A0HU diluted at 1:155 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

## Description

CUSABIO employs a rigorous approach to produce the CCL19 antibody. Initially, an animal is immunized with a synthetic peptide derived from human CCL19, triggering an immune response for antibody generation. The resulting CCL19 antibody is then sequenced, and the antibody gene is synthesized accordingly. The gene is inserted into plasma vectors, which are subsequently transfected into mammalian cells using a lipid-based transfection reagent. Following transient expression, CUSABIO purifies the recombinant antibodies against CCL19 from the culture medium. This high-quality CCL19 recombinant monoclonal antibody is specifically designed for ELISA and IHC applications to detect human CCL19 protein accurately and reliably.