

## CCL20

### Mouse Anti-Human CCL20, MIP-3 alpha mAb

<b>Catalog No.</b>	CMM106	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	C-C motif chemokine 20, CC chemokine LARC, Macrophage inflammatory protein 3 alpha, MIP-3-alpha, Small-inducible cytokine A20		
<b>Description:</b>	The mouse monoclonal antibody recognizes human CCL20 also called MIP-3 alpha, an antimicrobial protein in the subfamily of small cytokine CC proteins which are involved in immuno-regulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. CCL20 signals through the CCR6 receptor. It is chemotactic for lymphocytes and dendritic cells, promotes adhesion of memory CD4+ T cells and can repress proliferation of myeloid progenitors. Human CCL20 is expressed in liver, lymph nodes, appendix, peripheral blood lymphocytes and lung.		
<b>Gene ID:</b>	6364		
<b>UniProt ID:</b>	P78556		
<b>Specificity:</b>	Recognizes human MIP-3 alpha		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1κ		
<b>Immunogen:</b>	Recombinant human MIP-3 alpha		
<b>Molecular Weight:</b>	8 kDa (70 aa)		
<b>Formulation:</b>	Lyophilized from PBS		
<b>Purification:</b>	Protein G chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.1-1.0 mg/ml.		
<b>Application Notes:</b>	<b>ELISA (sandwich):</b> Recommended concentration of 2-4 µg/ml (100 µl/well) will detect at least 2000 pg/ml of rh MIP-3 alpha, when used with biotinylated antigen affinity purified anti-human MIP-3 alpha as the detection antibody at a concentration of approximately 1 -2 µg/ml. <b>WB:</b> Recommended concentration of 0.2-0.4 µg/ml. The lower detection limit is 0.25 - 0.5 ng rh MIP-3 alpha/ lane under non-reducing conditions when used with compatible secondary reagents. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Lyophilized antibody is stable at room temperature for shipping purposes. Upon receipt, store at -20°C. Reconstituted antibody is stable for at least 2 weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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