

## CCL20

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

<b>Catalog No.</b>	CMM106	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	CKb4, Exodus, LARC, MIP-3-alpha, MIP-3a, MIP3A, SCYA20, ST38		
<b>Description:</b>	The mouse monoclonal antibody recognizes human CCL20/MIP-3 alpha, an antimicrobial protein in the subfamily of small cytokine CC proteins which are involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. CCL20/MIP-3 alpha 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/ MIP-3 alpha is an 8 kDa protein expressed in liver, lymph nodes, appendix, peripheral blood lymphocytes and lung.		
<b>Gene ID:</b>	6364		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes human MIP-3 alpha		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1k		
<b>Immunogen:</b>	Recombinant human MIP-3 alpha		
<b>Formulation:</b>	Lyophilized from a sterile filtered, carrier-free solution.		
<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>Applications:</b>	ELISA, Western Blot		
<b>Application Notes:</b>	<p><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.</p> <p><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.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
<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>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

