

## CCL19

### Mouse Anti-human CCL19 / MIP3 beta (Clone G5\_4E11.3)mAb

<b>Catalog No.</b>	CMM108	<b>Quantity:</b>	500 µg
<b>Alternate Names:</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		
<b>Description:</b>	The mouse monoclonal antibody recognizes human CCL19/MIP-1 beta, one of several CC cytokines, a family of secreted proteins involved in immunoregulatory and inflammatory processes, characterized by two adjacent cysteines. CCL19 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.		
<b>UniProt ID:</b>	Q99731		
<b>Specificity:</b>	Recognizes human MIP3 beta		
<b>Host:</b>	Mouse (BALB/c)		
<b>Isotype:</b>	IgG1 κ		
<b>Immunogen:</b>	Recombinant human MIP-3 beta		
<b>Clone:</b>	G5_4E11.3		
<b>Formulation:</b>	Lyophilized		
<b>Purification:</b>	Protein A 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, Immunohistochemistry		
<b>Application Notes:</b>	ELISA: Recommended concentration 2-4 µg/ml (100 µl/well). In conjunction with a suitable detection antibody, CMM108 will detect at least 2 ng/ml of rh MIP-3 beta. WB: Recommended concentration 1-2 µg/ml. In conjunction with compatible secondary reagent, the detection limit for rh MIP-3 beta is 2-4 ng/lane, under non-reducing conditions. IHC: Recommended concentration 5 µg/ml, one hour at room temperature. In conjunction with suitable fluorescently-labeled secondary antibody, CMM108 stained PBMC. 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 1 month. For retention of full activity, store desiccated at -20°C for up to 1 year. Reconstituted antibody is stable for at least 2 weeks at 2-8°C, or for at least 6 months frozen in aliquots at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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