

## CCL4

### Mouse Anti-Human CCL4/MIP-1 beta (Clone 24006) mAb

<b>Catalog No.</b>	CMM404	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1		
<b>Description:</b>	The mouse monoclonal antibody recognizes human Chemokine (C-C motif) Ligand (CCL4), also known as Macrophage Inflammatory Protein-1 beta (MIP-1b). CCL4/MIP-1b is a CC chemokine with specificity for CCR5 receptors. It is a mitogen-inducible monokine and is one of the major HIV-suppressive factors produced by CD8+ T-cells. The encoded protein is secreted and has chemokinetic and inflammatory functions.		
<b>Gene ID:</b>	6351		
<b>UniProtKB:</b>	P13236		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes native and recombinant Human CCL4/MIP-1 beta.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2b		
<b>Immunogen:</b>	Sf 21-derived rhMIP-1 beta (Ala24-Asn92)		
<b>Clone:</b>	24006		
<b>Concentration:</b>	500 µg/mL		
<b>Formulation:</b>	Lyophilized from PBS with 5% trehalose		
<b>Purification:</b>	Protein A/G Affinity chromatography		
<b>Endotoxin Level:</b>	< 0.10 EU/µg		
<b>Reconstitution:</b>	Centrifuge vial prior to opening. Reconstitute with 500 µL sterile PBS.		
<b>Cross-Reactivity:</b>	In Western blots, shows less than 4% cross-reactivity with recombinant human CCL3/MIP-1 alpha and does not cross-react with recombinant mouse CCL3/MIP-1 alpha, CCL4/MIP-1 beta, CXCL8/IL-8, CCL5, CXCL1, CXCL2, CXCL3		
<b>Applications:</b>	ELISA, Western blot, Flow Cytometry, Neutralization		
<b>Application Notes:</b>	ELISA: 0.1-0.4 µg/mL (detection), 2-8 µg/mL (capture) Western blot: 1 µg/mL Flow Cytometry: 2.5 µg/10 <sup>6</sup> cells Neutralization: 0.3 - 1.2 µg/mL		
<b>Storage &amp; Stability:</b>	Store in working aliquots at -20°C for up to 1 year. <b>Avoid repeated freeze/thaw cycles.</b>		

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