

II4

Rat Anti-Mouse IL-4 (Clone 11B11) mAb

Catalog No.	CMI243	Quantity:	0.5 mg
Alternate Names:	Interleukin-4, B-cell IgG differentiation factor, B cell growth factor 1, B-cell stimulatory factor 1, BSF-1, Lymphocyte stimulatory factor 1, IgG1 induction factor		
Description:	The monoclonal antibody to mouse IL-4 (clone 11B11) has shown to be suitable for intracellular staining, ELISA, and Western Blot. The 11B11 antibody can also successfully be used in immunohistochemistry and neutralization assays.		
UniProt ID:	P07750		
Gene ID:	16189		
Source:	Produced <i>in vitro</i> using serum free medium.		
Specificity:	Binds with high affinity and neutralizes both native and recombinant mouse IL-4.		
Isotype:	Rat IgG ₁		
Clone:	11B11		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Purification:	Ion exchange chromatography.		
Reconstitution:	<p>Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended).</p> <p>Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.</p>		
Applications:	<p>ELISA and ELISPOT systems</p> <p><i>In vitro</i> neutralization</p> <p>Intracellular staining</p> <p>Western blot analysis</p>		
Storage & Stability:	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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