

## IL4

### Mouse Anti-Rat IL-4 (Clone OX-81) mAb

<b>Catalog No.</b>	CMI042	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	Interleukin-4, IL-4, B-cell IGG differentiation factor, B-cell growth factor 1, B-cell stimulatory factor 1, BSF-1, Lymphocyte stimulatory factor 1		
<b>Description:</b>	Neutralizing mouse monoclonal to rat IL-4 for <i>in vitro</i> and <i>in vivo</i> functional studies and ELISA.		
<b>UniProt ID:</b>	P20096		
<b>Specificity:</b>	Neutralizes both native and recombinant rat IL-4 <i>in vitro</i> and <i>in vivo</i>		
<b>Source:</b>	Produced <i>in vitro</i> using serum free medium.		
<b>Isotype:</b>	Mouse IgG1		
<b>Clone:</b>	OX-81		
<b>Purification:</b>	Ion exchange chromatography		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Reconstitution:</b>	<b>Centrifuge vial briefly before opening.</b> Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended).		
<b>Applications:</b>	Neutralization <i>in vitro</i> and <i>in vivo</i> ELISA ELISpot Intracellular staining		
<b>Storage &amp; Stability:</b>	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. <b>Avoid repeated freeze-thaw cycles.</b>		

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