

## IL31

### Mouse Anti-Human Interleukin-31 (Clone B-A51) mAb

<b>Catalog No.</b>	CMI019	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	Interleukin-31, IL-31		
<b>Description:</b>	This monoclonal antibody (clone B-A51) to human Interleukin-31 is useful for ELISA		
<b>UniProt ID:</b>	Q6EBC2		
<b>Immunogen:</b>	Recombinant human IL-31		
<b>Source:</b>	Produced <i>in vitro</i> using serum free medium.		
<b>Specificity:</b>	Binds to native and recombinant human IL-31		
<b>Isotype:</b>	Mouse IgG2b kappa		
<b>Clone:</b>	B-A51		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
<b>Purification:</b>	Ion exchange chromatography.		
<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>Application:</b>	ELISA		
<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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