

## IL-5

### Rat Anti-Human Interleukin-5 (Clone B-Z25) mAb

<b>Catalog No.</b>	CMI241	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	IL-5, Eosinophil differentiation factor, EDF, T-cell replacing factor, TRF, B-cell differentiation factor I		
<b>Description:</b>	This rat anti-human IL-5 monoclonal antibody (clone B-Z25) can be used as a capture antibody in ELISA assays and for intracellular staining and Western Blot.		
<b>UniProt ID:</b>	P05113		
<b>Gene ID:</b>	3567		
<b>Source:</b>	Produced <i>in vitro</i> using serum free medium.		
<b>Specificity:</b>	Binds with high efficiency to native and recombinant Human IL-5		
<b>Host:</b>	Rat		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Isotype:</b>	IgG <sub>2a</sub> kappa		
<b>Clone:</b>	B-Z25		
<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>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	<b>ELISA: capture antibody</b> Intracellular staining Western Blot		
<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>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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