

## IL5

### Mouse Anti Monkey Interleukin-5 (Clone QS-5) mAb

<b>Catalog No.</b>	CMM507	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	IL-5, Eosinophil differentiation factor, T-cell replacing factor, TRF		
<b>Description:</b>	The neutralizing mouse anti-monkey IL-5 monoclonal antibody (clone QS-5) cross reacts with rhesus macaque, cynomolgus monkey and human and can be used in ELISA, ELISPOT assays and Western Blot.		
<b>UniProt ID:</b>	P48093, G7P884		
<b>Gene ID:</b>	710622		
<b>Source:</b>	Produced <i>in vitro</i> using serum free medium.		
<b>Specificity:</b>	Binds with high efficiency to native rhesus macaque, cynomolgus monkey, pig-tailed macaque, barbary macaque, baboon and African green monkey IL-5, and efficiently neutralizes monkey IL-5.		
<b>Isotype:</b>	Mouse IgG <sub>1</sub>		
<b>Clone:</b>	QS-5		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Purification:</b>	Ion-exchange chromatography		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
<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>	<i>In vitro</i> neutralization Coating antibody in ELISA and ELISPOT assays Intracellular staining Western blot analysis		
<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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