

## IL13

### Mouse Anti-Monkey IL-13 Clone QS-13 mAb

<b>Catalog No.</b>	CMI255	<b>Quantity:</b>	0.5 mg
<b>Description:</b>	Mouse Monoclonal Antibody against Monkey IL-13 Clone QS-13 was produced <i>In vitro</i> using serum free medium. IL-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells. It is involved in several stages of B-cell maturation and differentiation. IL-13 up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. It down-regulates macrophage activity, thereby inhibiting the production of pro-inflammatory cytokines and chemokines. IL-13 is critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils.		
<b>Concentration:</b>	1 mg/ml. Antibody concentration was determined by absorbance taking A280=1.4 for a 1 mg/ml solution.		
<b>Formulation</b>	Lyophilized from a 0.2 µm membrane filtered solution of PBS + 125 mM trehalose.		
<b>Isotype:</b>	Mouse IgG1		
<b>Clone:</b>	QS-13		
<b>Purification:</b>	Ion exchange chromatography.		
<b>Specificity:</b>	Binds with high efficiency to natural rhesus macaque, cynomolgus monkey, pigtailed macaque, Japanese macaque, barbary macaque, lion-tailed macaque, baboon, African green monkey and marmoset IL-13.		
<b>Reconstitution:</b>	Reconstitute the protein by injecting 0.5 ml sterile distilled water.		
<b>Applications:</b>	Coating antibody in ELISA and ELISPOT systems In vitro Neutralization Intracellular Flow Cytometric Staining		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable for at least one year at 2-4°C (expiration date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to reconstituted mAb to prevent bacterial growth. <b>Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.</b>		

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