

## II13

### Mouse Anti-Rat Interleukin-13 (Clone A130D12G51E4) mAb

<b>Catalog No.</b>	CMI173	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	IL-13, T-cell activation protein P600		
<b>Description:</b>	IL-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells, and is involved in regulating inflammatory and immune responses. IL-13 down-regulates macrophage activity, thereby inhibiting the production of pro-inflammatory cytokines and chemokines, and is involved in allergen-induced asthma through mechanisms independent of IgE and eosinophils. IL-13 also regulates several stages of B cell maturation and differentiation, up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. Structurally, IL-13 closely resembles IL-3, IL-4, IL-5 and GM-CSF. The gene encoding IL-13, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with the IL-13 gene particularly close to IL4.		
<b>UniProt ID:</b>	P42203		
<b>Gene ID:</b>	116553		
<b>Concentration:</b>	1.0 mg/ml		
<b>Specificity:</b>	Recognizes Recombinant and Native Rat IL-13.		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant Rat IL13		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	A130D12G51E4		
<b>Formulation:</b>	Sterile filtered PBS, pH 7.2. Carrier and preservative free.		
<b>Purification:</b>	Purified.		
<b>Applications:</b>	ELISA, Flow Cytometry, Western Blot, IHC-F, IHC-P		
<b>Storage &amp; Stability:</b>	Upon receipt, store at -20°C to -80°C or prepare working aliquots and store 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.



**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)