



## Mouse Monoclonal Antibody to IL-10

**Cat. No.** SGA20011 **Package Size:** 50ul , 100ul

### Product Attribute

<b>Aliases</b>	IL10
<b>Host/Isotype</b>	Mouse IgG1
<b>Species Reactivity</b>	Human
<b>Formulation</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Purification</b>	Purified
<b>Immunogen</b>	Purified recombinant fragment of human IL-10 expressed in E. Coli.
<b>Noted</b>	For research use only

### Applications

### Recommended dilution

ELISA	1/10000
WB	
ICC	
IHC	

### Description

Interleukine 10 (IL-10) is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract.



**SinoGeneclon Biotech**

[www.sinogeneclon.com](http://www.sinogeneclon.com)

**Application:**

**If you have technical questions about our products, please email us at [tech@sinogeneclon.com](mailto:tech@sinogeneclon.com) to have all of your questions answered.**