

---

**Product Name: IL10RB Mouse Monoclonal Antibody****Catalog #: AMM82894**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ICC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	37kDa

**Antigen Information**

<b>Gene Name</b>	IL10RB
<b>Alternative Names</b>	CRFB4; CRF2-4; D21S58; D21S66; CDW210B; IL-10R2
<b>Gene ID</b>	3588.0
<b>SwissProt ID</b>	Q08334
<b>Immunogen</b>	Purified recombinant fragment of human IL10RB(AA: 20-220) expressed in E. Coli.

**Background**

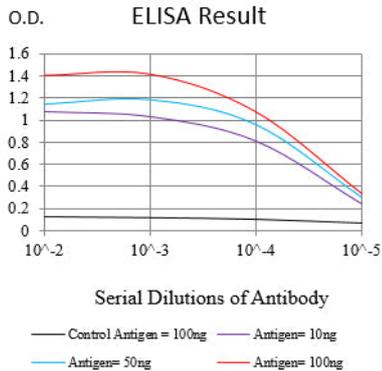
The protein encoded by this gene belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex. Coexpression of this and IL10RA proteins has been shown to be required for IL10-induced signal transduction. This gene and three other interferon receptor genes, IFAR2, IFNAR1, and IFNGR2, form a class II cytokine

receptor gene cluster located in a small region on chromosome 21.

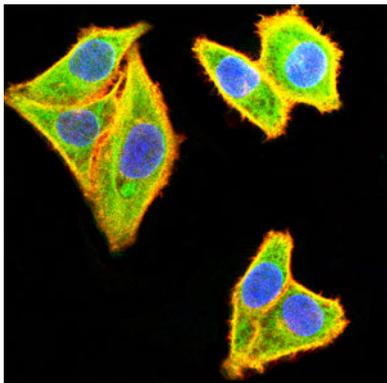
## Research Area

TGF-beta signaling pathway, Jak-STAT signaling pathway

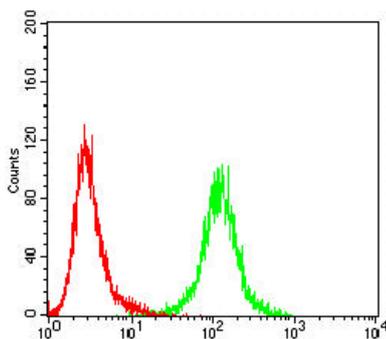
## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using IL10RB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of Jurkat cells using IL10RB mouse mAb (green) and negative control (red).